

Harry S Truman High School



Program of Studies 2024-2025



Bristol Township School District

TIGER STRONG

EMPOWERED ENGAGED *INSPIRED*

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TABLE OF CONTENTS

Introduction.....	4
You and Your Secondary School Program.....	4
Seeking Academic Assistance.....	4
Guide for Choosing Appropriate Courses.....	5
Curricula.....	6
Graduation Requirements.....	6
Credit Requirements.....	7
Elective Subjects.....	7
Bristol Township School District Cyber Academy.....	7
Advanced Placement/Honors Courses and Weighted Grades.....	8
Class Rank and Honor Roll.....	9
Student Athletics	9
Student Athlete Future Plans.....	9
Course Selection Process.....	10
Instructions for Registering for Courses.....	11
Schedule Changes.....	11
Programming Options for Special Education.....	12
Graduation Pathways	14
College and Career Planning.....	16
Arts & Communication (AC).....	16
Business, Finance and Information Technology (BFIT).....	17
Engineering, and Industrial Technology (EIT).....	19
Human Services (HS).....	20
Science and Health (SH).....	21
Course Catalog of Offerings.....	23
ART.....	23
BUSINESS and COMPUTER EDUCATION	25
ENGLISH.....	26
FAMILY & CONSUMER SCIENCE.....	29
HEALTH & PHYSICAL EDUCATION.....	30
MATHEMATICS.....	32
MUSIC.....	35
SCIENCE.....	36
SOCIAL STUDIES.....	40
TECHNOLOGY EDUCATION.....	43
TECHNOLOGY EDUCATION DUAL ENROLLMENT.....	44
THEATRE.....	46
VIDEO.....	47
WORLD LANGUAGE.....	48
BUCKS COUNTY COMMUNITY COLLEGE DUAL ENROLLMENT.....	50
9th Grade Course Selection Planning Worksheet.....	53
4 Year Course Planning Worksheet.....	54

INTRODUCTION

High school students are faced with many choices and difficult decisions. Among them is the need to select an appropriate program of studies, one which is consistent with individual abilities, achievements and goals. This document provides the basic information needed to help make program and course decisions and outlines the comprehensive offerings of the Bristol Township School District. Parents and students are urged to consult with school personnel whenever questions regarding educational planning arise.

You and Your Secondary School Program

Students in high school vary in:

- Range of abilities
- Learning aptitudes
- Levels of maturity
- Career aspirations
- Interests

For such a diverse student body, our schools provide different types of programs and courses. These are offered because the school believes that students should:

- Develop academic competency.
- Develop to their full potential.
- Learn in ways appropriate for them.
- Learn what they need to know.

Students have the responsibility to:

- Develop their potential.
- Develop short- and long-range goals.
- Cooperate with staff and fellow students.
- Attend school regularly.

Programs within the schools change as students change. Each year, courses are examined and evaluated. Those which are successful are maintained, others are modified or replaced, and new courses are added. High school builds on the formal education you received in elementary and middle school. It provides you with those learning experiences which lead to employment and/or higher education.

Seeking Academic Assistance

Some students will be able to plan their high school program with little or no assistance. Others however may want to discuss ideas with a knowledgeable person. The following sources are available:

- **Parents.** They will want to study the program and make some suggestions. Since they know you so well, their ideas should be given serious consideration.

- **Counselors and teachers.** They can help you decide which courses best fit your abilities, achievements, and goals. They can also explain the various course selection documents.
- **Student-parent-counselor conference.** Such a meeting can help you and your parents make plans and select courses which are best suited to your abilities and interests.

Guide for Choosing Appropriate Courses

Advanced Placement (AP) Courses/ Dual Enrollment/PLTW	Honors (HON) Courses	Academic/College Preparatory or Career Preparatory	Traditional Instruction
The student has a superior average from the previous year's honors class.	The student has an above average grade from the previous year's class.	The student has an average or above average grade from the previous year's class.	The student is undecided about post high school education but may pursue further education including community college, business school, trade school, technical school, military service, or full-time work.
Quick to learn and demonstrates superior ability.	Quick to learn and demonstrates superior ability.	Demonstrates the potential to be successful.	In need of more focus and supported instruction.
Highly motivated and intends to go to college	Highly motivated and intends to go to college	Motivated and intends to go to college.	
Articulate in speech and writing.	Articulate in speech and writing.	Articulate in speech and writing.	
Energetic and capable of college work.	Energetic and capable of college preparatory work.	Energetic and capable of college preparatory work.	
Capable of independent reading.	Capable of independent reading.	Capable of independent reading.	
Required to take PLTW assessment.	Willing to accept responsibilities for rigorous assignments.	May be undecided about post high school education but wishes to keep open an option for further education	

CURRICULA

The planning of a student's high school program is an extremely important project. Competition for college entrance, technical and vocational training, and for job placement has made it even more important that each student's program be planned wisely in close cooperation between parent and school.

Graduation Requirements

The purpose of the Harry S Truman High School program is to provide the best possible education to all students. Every course offered is considered important. All courses are available to all students, provided any stated prerequisites are met. The minimum curriculum should never be accepted as the standard for students. For most students such a program would be inadequate preparation for future

Students are required to successfully complete a minimum of **25** credits in order to graduate. To receive credit, a minimum 60 grade average must be obtained in all courses. credits will be awarded to students who earn a 60 or higher as a final grade in a course. Students will fail a full year course for the year if they receive a:

- Grade of 59 or lower for three marking periods. (Full year course)
- Grade of 59 or lower for two marking periods and the final exam. (Half-year course)

Students must receive a minimum grade of 60 in each of the following:

English	4 credits
Mathematics	3 credits
Science	3 credits
Social Studies	3 credits
Physical Education	1.5 credits
Health	0.5 credits
STEM Elective	1 credit (in Math, Science, Technology, or PLTW)
Arts and Humanities	2 credits (in Fine Arts, World Languages, FCS, or Music)
Electives	7 credits
Total	25 credits

Grade 9 - Required Courses

- English
- Western Civilizations
- Mathematics
- Biology
- Physical Education 9/10 (1 semester)

Grade 10 - Required Courses

- English
- American Studies III
- Mathematics
- Science
- Health and Wellness (1 semester)
- Physical Education 9/10 (1 semester)

Grade 11 - Required Courses

- English
- Civics & Government
- Mathematics
- Science
- Physical Education 11/12 (1 semester)

Grade 12 - Required Courses

- English

Credit Requirements

Minimum cumulative credit expectation to be promoted to the respective grade:

ENTERING THE RESPECTIVE GRADE	REQUIRED CRITERIA
GRADE 10	6 CREDITS
GRADE 11	12 CREDITS
GRADE 12	18 CREDITS

Elective Subjects

Elective subjects are available for all students. These subjects are scheduled as time, personnel, and facilities allow. A student's choice of elective subjects must be indicated on the online course selection form. Elective subjects are described under the discipline to which they belong and are listed on the course selection sheets. Elective subjects are scheduled when possible but cannot be guaranteed.

Note: Courses are scheduled only if a sufficient number of students select the course.

Bristol Township School District Cyber Academy

Bristol Township School District is committed to our mission of “prepare and empower our students to be productive, competitive members in an ever-changing global society.” With that goal in mind, the BTSD course offerings for the 2024-2025 school year include opportunities for online learning. Online courses are delivered fully online by a content

certified teacher who will facilitate the online work, as well as be available at specific times for support to students, as needed. Students can complete their online work “anytime, anywhere” within the guidelines of the specific course. Therefore, there will be no classroom time, as students can choose when to complete their work online. These courses will be scheduled in the student’s schedule just like a traditional course but will not “meet” face-to-face. Students enrolled in an online course will receive their course syllabus, online access to the course, and assignments on the first day of school in a scheduled meeting time.

Advanced Placement/Honors Courses and Weighted Grades (#)

Those courses officially designated as Advanced Placement (AP) and Honors (HON) courses by the title will have the final grades weighted for the purpose of grade point average and class rank. Advanced Placement and Honors courses meet the following criteria:

- Require high level thinking, writing, and reading skills
- Objectives are aimed at the college level
- Require extensive homework beyond normal expectations for high school
- AP courses may require extensive summer assignments

AP & Dual Enrollment courses are weighted 5.0 and Honors courses are weighted 4.5.

AP Courses Offered:

- | | |
|--|---------------------------------------|
| ● AP English Literature and Composition | ● AP English Language and Composition |
| ● AP United States Government and Politics | ● AP United States History |
| ● AP Psychology | ● AP World History: Modern |
| ● AP Biology | ● AP Physics |
| ● AP Chemistry | ● AP Statistics |
| ● AP Calculus AB/BC | ● AP Music Theory |

Note: (#) indicates a course is weighted

Class Rank and Honor Roll

Class Rank

Class rank is a numerical representation of the academic standing of a student in the Bristol Township School District. It represents both quality and quantity of work completed during a student's academic career in grades nine through twelve.

Factors that affect class rank are:

- Total earned quality points
- Courses taken during the school year

Honor Roll

Distinguished Honors

- A student must have a weighted marking period GPA of 95 or above, with no grade below an 85.

Honors

- A student must have a weighted marking period GPA of 90 - 94.99, with no grade below an 85.

Note: The weighted GPA calculates a student's overall average with regards to the difficulty in coursework. It includes any extra points that are traditionally added to the final grades for Honors, AP, PLTW, or Dual Enrollment classes.

STUDENT ATHLETICS

A student has four years of PIAA eligibility for athletic teams beginning on the first day of 9th grade. To be eligible for an athletic team, a student must:

- Pass four full credit courses per marking period.
- Be present in school to participate in a practice or game. A student can arrive no later than 10:45 to participate (unless given pre-approval by the Athletic Director) in a contest/practice on that date.
- Each coach or advisor has the ability to establish additional rules and procedures which he/she expects his/her team members to follow. This is just a brief overview of the P.I.A.A. Athletic Eligibility rules/regulations. For further clarification, contact the Athletic Director's office.

Student Athlete Future Plans

If you plan to enroll in any Division I or Division II college or university, please read this information from the NCAA Clearinghouse Eligibility Center carefully.

NCAA Athletic Eligibility (*)

All students aspiring to attend college and engage in Division I or Division II athletics must undergo certification by the NCAA Initial-Eligibility Clearinghouse. It is the student's responsibility to acquire the latest evaluation of the approved course list, either

from their guidance counselor or the NCAA Eligibility Center's [website](#). Courses marked with a (+) sign have received NCAA approval for eligibility.

Applications, accessible on the NCAA website, must be submitted to the eligibility center by the fall of the senior year. Once registered with the NCAA, the school will officially submit the student's transcript on their behalf. Failure to adhere to this process will result in the student being ineligible to participate in college athletics during their freshman year. To be eligible for Division I or Division II students will need to present 16 core courses in the following breakdowns:

Division I 16 Core Courses	Division II 16 Core Courses
<ul style="list-style-type: none"> ● 4 years of English. ● 3 years of mathematics (Algebra I or higher) ● 2 years of natural/physical science (1 year of lab if offered by high school) ● 1 year of additional English, mathematics or natural/physical science ● 2 years of social science ● 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy) 	<ul style="list-style-type: none"> ● 3 years of English. ● 2 years of mathematics (Algebra I or higher) ● 2 years of natural/physical science (1 year of lab if offered by high school) ● 3 years of additional English, mathematics or natural/physical science ● 2 years of social science ● 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

Note: (*) Indicates a course is NCAA Approved

COURSE SELECTION PROCESS

Students will review the Program of Studies to determine course eligibility. Students will select Electives and Alternate classes. The number of electives/alternates is based on the student's grade assigned in Infinite Campus.

- 3 Elective classes and 2 Alternate classes if going into 10th Grade
- 3 Elective classes and 2 Alternate classes if going into 11th Grade
- Up to 6 Elective classes and 3 Alternate classes if going into 12th Grade

Instructions for Registering for Courses

1. Students will log into Infinite Campus and select the Course Registration option
2. Any required courses that have been established and already entered by teachers or school counselors will be listed in the Required Courses list. Students cannot change any required courses listed for them.
3. Select the future school year to register for courses.
4. Click **Add Course**
5. Courses can be searched by the course name, by the course number or by scrolling through the available list. Enter either the **Course Name** (I.e., Italian) or **Course Number** (i.e., 6310) to search.
6. Click on any courses listed to view the course description.
7. To request this course as part of your schedule for next year, click the **Add Request** button or the **Plus Sign (+)** next to the name of the course and select **Request**.
8. To select an Alternate Course click the **Add Alternate** button or the **Plus Sign (+)** next to the name of the course and select **Alternate**. The Alternate Course(s) will be placed in your schedule if the Elective Course(s) are full or can not fit in your schedule.
9. Please contact your School Counselor if you have any questions.

Schedule Changes

Students making a schedule change after the schedules have been distributed must meet the following guidelines and must demonstrate a compelling educational need.

- The following are acceptable reasons for schedule review and possible changes:
 - To correct inappropriate class placement.
 - To correct scheduling omissions or an incorrect program.
 - To increase the number of academic classes.
 - To fulfill district and/or state graduation requirements.
 - To fulfill district and/or summer school requirements.
- The following are not acceptable reasons for a schedule change
 - Teacher preference.
 - Personal convenience of the student, such as having classes or lunch with a friend, not having PE first period, having classes closer together.
- Students can request a course change in writing to their counselor until 9/20/2024. These requests will be reviewed by school counselors and administrators and be approved based on whether the student demonstrates a compelling educational need.
- Course level changes are made by the end of the first marking period if the student is doing poorly academically (failing or in danger of failing) and would benefit from a change in the academic level of the course.
- Students who request to drop a course level, after the deadline, will have their grade

transferred to the new course for calculation of the final grade.

- At the end of the first semester we will allow course selection changes based on the following criteria.
 - Students who previously did not get a first choice spring elective because it was full at the beginning of the school year.
 - Seniors who need to make a schedule adjustment to graduate in June.

Note: No student-initiated changes will be considered after May 3, 2024

PROGRAMMING OPTIONS FOR SPECIAL EDUCATION

Harry S. Truman High School operates a Learning Support Program to meet the needs of identified exceptional students at the secondary level. Placement in the program for special instruction is based on the needs of each student as specified in his/her Individualized Educational Plan (IEP).

Students enrolled in special education programs are offered opportunities to participate in all school activities on an equal basis with all students. A student who satisfactorily completes a special education program developed by an IEP team is granted and issued a regular high school diploma. Students age 14 and older must have a Transition Individualized Educational Plan (TIEP) developed every year. The TIEP sets forth a plan to guide students in preparing for post-secondary life.

Enrichment programs and courses are adapted to meet the needs of exceptional students. Successful completion of the special education program entitles a student to a Harry S Truman High School Diploma.

SUPPORTS FOR STUDENTS WITH IEPS

This program is designed to be individualized for students who are eligible for an Individual Education Plan (IEP). The main focus in this program is the General Education Curriculum with modifications and accommodations as determined by the student's IEP. If determined by the student's IEP team, a student may participate in a supplemental curriculum. Students who are eligible for behavioral/ emotional support will be provided support as outlined in the student's IEP. This program will support student's transition to adult life as determined in the student's IEP.

AUTISTIC SUPPORT

This program is designed to be individualized for students who are eligible for an Individual Education Plan (IEP). This program focuses on the General Education Curriculum when appropriate and determined by the IEP team. This program provides support for students with social, communication, academic, behavioral, and transition needs. This program will support the student's transition to adult life as determined in the student's IEP.

EMOTIONAL SUPPORT

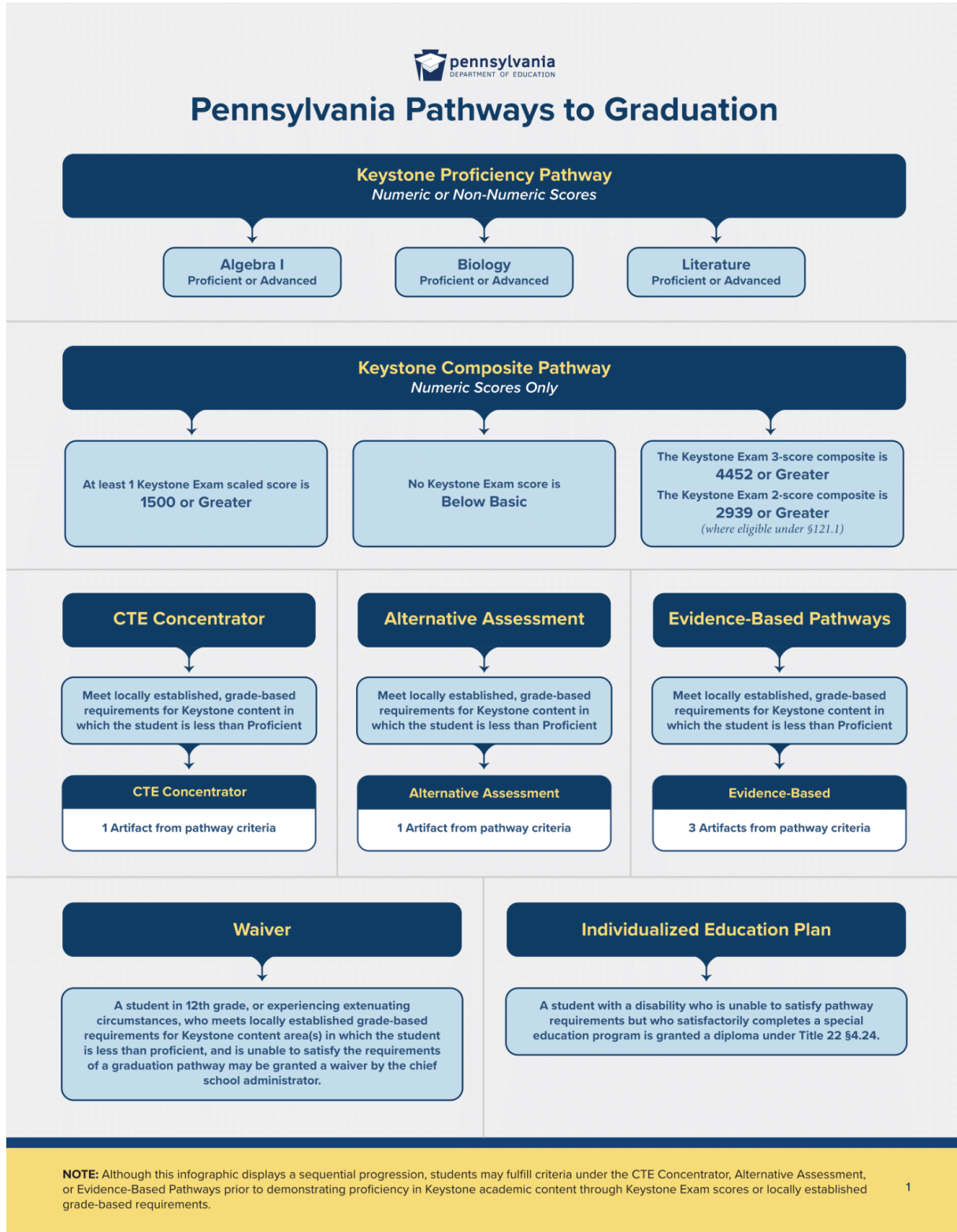
This program is designed to be individualized for students who are eligible for an Individual Education Plan (IEP). This program focuses on the General Education Curriculum and provides support and in-school counseling for students who demonstrate emotional and/or behavioral needs that impede their ability to access their education. This program will support student's transition to adult life as determined in the student's IEP.

LIFE SKILLS SUPPORT

This program is designed to be individualized for students who are eligible for an Individual Education Plan (IEP). This program focuses on the development of vocational skills. When appropriate and determined by the IEP team, students may participate in Regular Education classes with support from the Life Skills Support Program. This program provides support for students with social, communication, academic and transition needs. This program will support student's transition to adult life as determined in the student's IEP.

GRADUATION PATHWAYS

Per Act 158, all students must complete one of the the following options to meet the statewide graduation requirements:



Pathway Criteria

CTE Concentrator	Alternative Assessment	Evidence-Based
<p style="text-align: center;">1 Artifact</p>	<p style="text-align: center;">1 Artifact</p>	<p style="text-align: center;">3 Artifacts consistent w/student goals ONE or more from Section One No more than TWO from Section Two</p>
<p>Industry-based competency certification</p> <hr/> <p>Likelihood of industry-based competency assessment success</p> <hr/> <p>Readiness for continued engagement in CTE Concentrator program of study</p>	<p>Attainment of one alternative assessment score or better: ACT (21), ASVAB AFQT (31), PSAT/NMSQT (970), or SAT (1010)</p> <hr/> <p>Attainment of Gold Level or better on ACT WorkKeys</p> <hr/> <p>Attainment of 3 or better on AP Exam(s) related to each Keystone content area in which less than Proficient</p> <hr/> <p>Attainment of 4 or better on IB Exam(s) related to each Keystone content area in which less than Proficient</p> <hr/> <p>Successful completion of concurrent enrollment course(s) related to each Keystone content area in which less than Proficient</p> <hr/> <p>Successful completion of a pre-apprenticeship program</p> <hr/> <p>Acceptance into accredited, non-profit Institution of Higher Education (IHE) 4yr program for college-level coursework</p>	<p style="text-align: center;">Section 1</p> <hr/> <p>Attainment of 630 or better on any SAT Subject Test</p> <hr/> <p>Attainment of Silver Level or better on ACT WorkKeys</p> <hr/> <p>Attainment of 3 or better on any AP Exam</p> <hr/> <p>Attainment of 3 or better on any IB Exam</p> <hr/> <p>Successful completion of any concurrent enrollment or postsecondary course</p> <hr/> <p>Industry-recognized credentialization</p> <hr/> <p>Acceptance into accredited, non-profit Institution of Higher Education (IHE) for college-level coursework in an other-than-4yr program</p> <hr/> <p style="text-align: center;">Section 2</p> <hr/> <p>Attainment of Proficient or Advanced on any Keystone Exam</p> <hr/> <p>Successful completion of a service-learning project</p> <hr/> <p>Letter guaranteeing full-time employment or military enlistment</p> <hr/> <p>Completion of an internship, externship, or cooperative education program</p> <hr/> <p>Compliance with NCAA Division II academic requirements</p>

COLLEGE & CAREER PLANNING

As part of the Future Ready PA Index, students are expected to have career readiness experiences throughout their middle and high school years. These experiences are expected to align with the Career Readiness Standards. As a district, we use Naviance as a tool to collect the artifacts associated with our college/career and future planning. During 9th, 10th and 11th grade students will participate in various career readiness experiences that will be documented and housed in Naviance. Students will participate in at least two experiences each year. Naviance is used by our 12th grade students as a resource to send transcripts and associated documents for college admissions. Naviance is a comprehensive K-12 college and career readiness solution that helps districts and schools align student strengths and interests to postsecondary goals, improving student outcomes and connecting learning to life.

CAREER PATHWAYS

Many jobs can be categorized into industries that are closely related based on skill sets, common products, technologies, labor pools, and other economic factors.

Pathways provide students with direction regarding which courses will best help them in gaining the appropriate skills, experience, and knowledge for career paths that may suit their talents and interests. These provide flexible groupings of course electives based on possible careers. Pathways are divided into areas of focus to help students explore options related to certain fields and career opportunities. Each pathway includes areas of related skills and interests, possible jobs, and necessary post-secondary education, and suggested electives to build experience towards that pathway. The object of pathways is to help students and families make informed decisions regarding education choices here at Truman.

Arts & Communication (AC Pathway)

This Pathway is intended to cultivate student awareness, interpretation, application, and production of visual, performing, or written arts. Students choosing this pathway will gain experience in their chosen career focus based on initiatives relating theory to practice.

Are you interested in...	Can you...	Do you enjoy...
<ul style="list-style-type: none"> • News reporting and writing • Interviewing and reviewing • Multi-media productions • Acting • Radio, TV, Film, Video • Performing in a band or chorus • Attending concerts • Drawing, painting • Artwork 	<ul style="list-style-type: none"> • Sing • Play an instrument • Be creative • Act • Articulate clearly • Write and conduct interviews • Meet deadlines • Sell • Draw • Sculpt 	<ul style="list-style-type: none"> • Writing • Making videos • Working with film props • Seeking creative ideas • Working with sound effects • Performing in front of an audience • Working with computers

If you answered "yes" to many of these questions, you might consider a future in one of the sample occupations listed below.

SAMPLE CAREERS

Entry (OJT)	Technical/Skilled (1-3 yrs.)	Professional (4+ years)
<ul style="list-style-type: none"> • Model • Radio operator • Stage hand • Stunt performer • Announcer • Dancer • Film loader • Photographer • Floral designer • Florist • Sound technician • TV, Video, and movies • Desktop publisher • Copy person • Newsroom worker 	<ul style="list-style-type: none"> • Actor • Illustrator • Choreographer • Dancer • Disc jockey • Musician • Animator • Artist • Broadway technician • Fashion designer • Jeweler • Make-up artist • Recording Engineer • Video manager • Computer graphic artist • Web designer • Desktop publisher 	<ul style="list-style-type: none"> • Art or music teacher • Cinematographer • Composer • Film editor • Multi-media artist • Music critic • Music director • News broadcaster • Producer and director • Editor • Curator • Advertising creator • Art director • Interior designer • Fashion designer/Industrial designer • Copywriter • News writer • Telecommunications • Writer

CONSIDER THESE TRUMAN ELECTIVES:

Performing Arts	Visual Arts	Written Arts
<ul style="list-style-type: none"> • Public Speaking** • Intro to Film Study** • Screenwriting** • Intro to Business • Concert Band • Concert Choir • Guitar I and II • Piano Lab I and II • Music Theory • Sound Engineering and Digital Media • Theatre I, II, and III • Honors Theatre Production • Introduction to Multimedia Production 	<ul style="list-style-type: none"> • Introduction to Art • Art I, II, or III • Craft and Design I and II • Painting I and II • Graphic Design I and II • Photography I and II • Intro to Painting** • Printmaking** • Sculpture** • Intro to Photoshop** • Basic Clothing • Intro to Business • Modern U.S. History in Film** • Intro to Multimedia Production • Video Production I and II 	<ul style="list-style-type: none"> • Journalism I** • Public Speaking** • Creative Writing** • Contemporary Reading** • AP Lit and Comp • AP Lang and Comp • Science and Tech in Lit** • Screenwriting** • Mystery, Suspense, and Detective Lit** • African American Lit** • Intro to Business • TV News Production I and II

**Denotes half-year courses

Business, Finance, and Information Technology (BFIT Pathway)

This Pathway is designed to prepare students for business, finance, and information services. School-based and work-based opportunities will provide students with the knowledge, skills, and abilities necessary to move onto post-secondary school or directly into the workforce.

Are you interested in...	Can you...	Do you enjoy...
<ul style="list-style-type: none"> • A business environment • Office management • Sales • Computers and technology • Presentations to groups • Telecommunications • Advertising • Different work sites • Record keeping 	<ul style="list-style-type: none"> • Work easily with others • Organize your time • Work with statistics • Use computers and other technology • Pay attention to details • Solve problems • Work independently • Show initiative • Work on a team 	<ul style="list-style-type: none"> • Meeting with groups • Making budgets • Organizing a project • Planning an event • Working with technology • Selling products and services • Processing numbers • Preparing financial reports • Following directions • Learning new software programs

If you answered "yes" to many of these questions, you might consider a future in one of the sample occupations listed below.

SAMPLE CAREERS

Entry (OJT)	Technical/Skilled (1-3 yrs.)	Professional (4+ yrs.)
<ul style="list-style-type: none"> • Customer service • Representative • Shipping and receiving clerk • Telemarketer • Advertising sales agent • Bank teller • Cashier • Payroll clerk • Title searcher • Computer Operator • Accounts payable manager • Administrative assistant • Data entry • Retail sales clerk • Secretary • Account executive 	<ul style="list-style-type: none"> • Computer salesperson • Graph designer • Retail technician • Bank collection officer • Claims adjuster • Legal Secretary • Tax preparer • Paralegal • Computer support specialist • Software engineer • Computer programmer • Production support analyst • Desktop publisher • Medical Secretary • Real estate agent • Restaurant manager • Sales representative 	<ul style="list-style-type: none"> • Marketing Manager • Certified public accountant • Economist • Financial manager • E-commerce analyst • Securities sales representative • Systems software engineer • Systems analysis • Hospital administrator • Human resources • Manager • Chief executive officer • Manufacturing sales • Representative • Business analysts • Project manager • Sports and entertainment agent • Actuary

CONSIDER THESE TRUMAN ELECTIVES:

Marketing and Sales	Information Technology*	Business Management*	Finance*
<ul style="list-style-type: none"> • Intro to Photoshop** • Graphic Design I and II • Sports Entertainment and Marketing • Computer Applications I • Public Speaking** • Take This Course Now! Creating Ads That Sell** • Statistics • Probability** • Studies in Diversity • American Sports History** • American Pop Culture** • Introduction to Multimedia Production • World Languages 	<ul style="list-style-type: none"> • Computer Applications I • Probability** • Introduction to Engineering Design • Principles of Engineering • Digital Electronics • Computer Science Principles • Computer Science A 	<ul style="list-style-type: none"> • Intro to Business • Business Management • Accounting I • Sports Entertainment and Marketing • Computer Applications I • Studies in Diversity • Sociology • Psychology • Contemporary Issues** • Introduction to Multimedia Production • World Languages • BCCC Interpersonal Communication** 	<ul style="list-style-type: none"> • Accounting I and II • Computer Applications I • Personal Finance • Consumer Math** • World Languages • BCCC Principles of Economics**

*Students in this pathway should plan to take four years of math

**Denotes half-year courses

Engineering and Industrial Technology (EIT Pathway)

This Pathway is designed to cultivate students' interest, awareness, and application to careers related to technologies necessary to design, develop, install, and maintain physical systems.

Are you interested in...	Can you...	Do you enjoy...
<ul style="list-style-type: none"> • Building and Construction • Tools, equipment, and materials • Woodworking • Math and science classes • Fitness and sports • Precision work • Design and architecture • Engineering • Computer technology • Production management • How things work 	<ul style="list-style-type: none"> • Apply science and math to the real world • Read and understand directions • Solve problems • Understand and read maps • Organize reports and people • See a task through to completion • Use a computer 	<ul style="list-style-type: none"> • Travel • Working with your hands • Designing/working with projects, models, and prototypes • Working in a lab • Working on a team • Operating tools and equipment • Paying close attention to detail

If you answered "yes" to many of these questions, you might consider a future in one of the sample occupations listed below.

SAMPLE CAREERS

Entry (OJT)	Technical/Skilled (1-3 yrs.)	Professional (4+ yrs.)
<ul style="list-style-type: none"> • Carpet installer • Drywall worker • Roofer • Machine Operator • Industrial machine mechanic • Baggage handler • Dock worker • Freight handler • Laborer • Warehouse worker 	<ul style="list-style-type: none"> • Grader and dozer operator • Electrical Technician • Metal engineering technician • Supervisor • Welder • Civil engineering technician • Robotics technician • CAD/CAM technician • Laser technician • Auto mechanic • Air traffic controller • Auto body repair • Bus driver • Diesel Mechanic • Dispatch • Motorcycle mechanic • Taxi driver • Truck driver • Truck terminal manager • Production and operating worker 	<ul style="list-style-type: none"> • Construction manager • Cost estimator • Industrial production manager • Purchasing agent • Astronaut • Nuclear engineer • Petroleum engineer • NASA scientist • Chemical engineer • Technical writer • Architect • Civil engineering • Industrial engineering • Mechanical engineering • Aeronautical engineer • Aerospace engineer • Airline pilot • Transportation engineer • Navigator
Apprenticeships		
<ul style="list-style-type: none"> • Brick mason • Carpenter • Electrician • HVAC • Plumber • Machinist • Surveyor • Diesel Mechanic 		

CONSIDER THESE TRUMAN ELECTIVES:

Construction	Engineering and Engineering Technology*	Manufacturing	Transportation, Distribution, and Logistics
<ul style="list-style-type: none"> • Intro to Business • Strength Training and Conditioning** • Applied Mathematics • Geometry • Trigonometry** • Conceptual Physics • Fundamentals of Engineering I • Principles of Engineering • BCCC Responding to Emergencies** 	<ul style="list-style-type: none"> • Computer Applications I • Probability** • Sound Engineering and Digital Media • Lab Physics • Honors Physics 2 • AP Physics II • Fundamentals of Engineering I, II, and III • Principles of Engineering • Introduction to Engineering Design • Civil Engineering and Architecture • Digital Electronics • Engineering Design and Development 	<ul style="list-style-type: none"> • Basic Clothing • Intro to Business • Conceptual Physics • Lab Physics • Fundamentals of Engineering I • Introduction to Engineering Design 	<ul style="list-style-type: none"> • Computer Applications I • Intro to Business • Environmental Science • Natural Disasters** • Fundamentals of Engineering I • Principles of Engineering • Drivers Ed** • World Languages

*Students in this pathway should plan to take four years of math **Denotes half-year courses

Human Services (HS Pathway)

This Pathway is designed to cultivate students' interests, skills, and experiences for employment in careers related to family and human needs.

Are you interested in...	Can you...	Do you enjoy...
<ul style="list-style-type: none"> Working with people Owning your own business Aging adults Child development Family and social services Food preparation Teaching Counseling 	<ul style="list-style-type: none"> Organize well Plan and direct programs Be creative Communicate well Assume leadership roles Work with a team Be conscientious and dependable Plan budgets 	<ul style="list-style-type: none"> Communication services Helping and protecting others Working with people Counseling and advising people Serving other's needs Interviewing people Selling products or services Handling customer complaints Human problems

If you answered "yes" to many of these questions, you might consider a future in one of the sample occupations listed below.

SAMPLE CAREERS

Entry (OJT)	Technical/Skilled (1-3 yrs.)	Professional (4+ yrs)
<ul style="list-style-type: none"> Child care worker Cosmetic representative Dry cleaning operator Home health aide Library assistant Teacher's assistant Postal services worker Security guard Utility worker Aerobics instructor Waitress Baker Travel agent 	<ul style="list-style-type: none"> Barber Cosmetologist Fashion designer Manicurist Massage therapist Mortician Truck driver Personal trainer Teacher's aide Fire-fighter Postmaster Police officer Flight attendant Chef 	<ul style="list-style-type: none"> Funeral director Therapist Counselor Professor Principal Teacher Criminologist FBI agent Lawyer Police officer Park ranger Executive chef Food services manager Hotel/motel management

CONSIDER THESE TRUMAN ELECTIVES:

Counseling and Personal Care	Hospitality and Tourism	Education	Law, Public Safety, and Government
<ul style="list-style-type: none"> AP Lang and Comp Resources for Living Consumer Math** Studies in Diversity Sociology Psychology Evolution of Women in the U.S.** Everyday Law** World Languages BCCC Interpersonal Communication** BCCC Psychological Techniques** 	<ul style="list-style-type: none"> Intro to Photoshop** Graphic Design I and II Sports Entertainment and Marketing Lifeguarding and CPR** Sociology Introduction to Multimedia Production World Languages BCCC Interpersonal Communication** 	<ul style="list-style-type: none"> Computer Applications I Public Speaking** Contemporary Reading** English for Future Educators** PE Majors** Studies in Diversity Sociology Psychology World Languages BCCC Responding to Emergencies** BCCC Psychological Techniques** BCCC Foundations of Education** 	<ul style="list-style-type: none"> Computer Applications I Public Speaking** Forensic Science Studies in Diversity Sociology Psychology Contemporary Issues** Everyday Law** World Languages BCCC Intro to Criminal Justice**

**Denotes half-year courses

Science and Health (SH Pathway)

This Pathway is designed to cultivate students' interests in the life, physical, and behavioral sciences. In addition, it involves the planning, managing, and producing of therapeutic services, diagnostic services, health information and biochemistry research and development.

Are you interested in...	Can you...	Do you enjoy...
<ul style="list-style-type: none"> Health care environment Science and medicine Medical research Food production Environment and Conservation Pharmacy Animals Physical therapy Sports and Fitness Information systems Radiology 	<ul style="list-style-type: none"> Pay attention to detail Use a computer and technology Work in a lab setting or medical facility Apply scientific theory to real-life problems Work outdoors around animals and plants Collect and analyze data from experiments Work with people in need Work with science and math theories 	<ul style="list-style-type: none"> Diagnosing and caring for sick animals Working outdoors with wildlife Working on cutting-edge scientific research Working on a team Medical lab research Contributing to society Working with numbers Developing conclusions from a database

If you answered "yes" to many of these questions, you might consider a future in one of the sample occupations listed below.

SAMPLE CAREERS

Entry (OJT)	Technical/Skilled (1-3 yrs.)	Professional (4+ yrs.)
<ul style="list-style-type: none"> Hospital worker Patient care technician Dialysis technician EEG technician Home health aide Nurse's aide, orderlies Pharmacy technician Physical therapy aide Animal caretaker Breeder Extension service worker Wildlife reserve worker Optician Data Entry Farmer 	<ul style="list-style-type: none"> Certified nursing assistant Dental hygienist Emergency medical technician Licensed practice nurse Medical lab technician Personal trainer Radiological technician Respiratory Therapist Dental lab technician Fish and game worker Forest conversationalist GPS technician Surveyor Veterinary Technician 	<ul style="list-style-type: none"> Athletic trainer Speech/Language Pathologist Dietician Physician Assistant Medical examiner Pharmacist Physician Registered nurse Marine biologist Soil conversationalist Veterinarian Chemist Environmental scientist Zoologist Nuclear engineer

CONSIDER THESE TRUMAN ELECTIVES:

Science, Technology, and Math*	Agriculture, Food, and Natural Resources*	Health Science*
<ul style="list-style-type: none"> Computer Applications I Science and Tech in Lit** Honors Biology 2 Honors Chemistry 2 Honors Physics 2 Earth and Space Science Environmental Science AP Physics II Principles of Engineering Civil Engineering and Architecture Digital Electronics Computer Science Principles Computer Science A 	<ul style="list-style-type: none"> Intro to Business Honors Biology 2 Honors Chemistry 2 Earth and Space Science Environmental Science Natural Disasters** Principles of Engineering BCCC Nutrition** 	<ul style="list-style-type: none"> AP Lang and Comp Lifeguarding and CPR** Honors Biology 2 Honors Chemistry 2 Forensic Science Honors Anatomy and Physiology Microbiology AP Biology AP Chemistry Sport and Exercise Physiology** Studies in Diversity Psychology Human Body SystemsIntro to Medical Spanish

		<ul style="list-style-type: none">• BCCC Responding to Emergencies**• BCCC Nutrition**
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*Students in this pathway should plan to take four years of math

**Denotes half-year courses

COURSE CATALOG OF OFFERINGS

ART

8920 Introduction to Art 1 year 1 credit Grades 9 - 10

This course is designed to give students the basic understanding and appreciation for art as it will be encountered on a high school level. Students will be introduced to the basic principles of art drawing, perspective, painting, and sculpture. It will provide an opportunity to stimulate creativity and develop problem solving skills as well as allowing students to expand their own general interest in art. This class is the foundation for more specific art electives in the next 3 years

8021 Art I 1 year 1 credit Grades 10 - 12

This course is designed for those students with a high interest in art. This course will emphasize greater skill development in drawing, principals, composition, and elements of art, color theory, perspective, and sculpture. Students will also be given a sense of art history through discussion and visuals that relate to class projects. Students are required to maintain a weekly sketchbook. *Prerequisite:* Introduction to Art or Teacher Recommendation

8121 Art II 1 year 1 credit Grades 11 - 12

This course is for the serious art student who desires to continue as an art major and is considering a profession in the arts. This course requires a sketchbook, written reports, and projects in a variety of media, such as painting, drawing, sculpture, and printmaking. One period a week is devoted to art history. *Prerequisite:* Art I

8231 Art III 1 year 1 credit Grades 12

Continuation and refinement of Art II. Course requires an outside sketchbook and daily entries in an art notebook. This course is designed to further enhance their artistic skills and prepare their portfolio. *Prerequisite:* Art II or Teacher Recommendation

8022 Craft & Design I 1 year 1 credit Grades 9 - 12

This is a studio course dealing with the basic forming techniques of ceramics, paper, and fiber. The development and history of art forms, along with societal impacts will also be covered.

8122 Craft & Design II 1 year 1 credit Grades 10 - 12

This is a studio course dealing with advanced techniques of functional art. This course involves academic research in the history of cultural influences affecting crafts. Independent working skills are a must. *Prerequisite:* Craft & Design I

8123 Painting I 1 year 1 credit Grades 10 - 12

A studio course dealing with the facets of painting including techniques of sketching, drawing, and composition with strong emphasis on art history. *Prerequisite:* Art I

8232 Painting II **1 year 1 credit** **Grades 11 - 12**

A course designed to experiment with advanced techniques of painting and design. *Prerequisite:* Painting I

8023 Graphic Design I **1 year 1 credit** **Grades 10 - 12**

Students will study the elements of design and transfer that knowledge to the computer lab. This course will provide students with a good foundation on how to work with Adobe Photoshop/Illustrator.

8141 Graphic Design II **1 year 1 credit** **Grades 11 - 12**

This course will continue the exploration of adobe Photoshop/Illustrator and how it is used in the design industry. *Prerequisite:* Graphic Design I

8124 Photography I **1 year 1 credit** **Grades 9 - 12**

This course is designed to study the process of both traditional film and digital photography. The technical and artistic use of the camera is emphasized. Film photography equipment is provided; however, students do need access to a personal digital camera.

8233 Photography II **1 year 1 credit** **Grades 10 - 12**

This course is designed for the student who has successfully completed Photography I and has an interest in photography. The course includes the study of digital photography and Adobe Photoshop. *Prerequisite:* Grade of 80 or higher in Photography I

8510 Introduction to Painting **½ year 1 credit** **Grades 9 - 12**

This course is designed to give students the basic understanding and appreciation for art as it will be encountered on a high school level. Students will be introduced to the basic principles of art through drawing, perspective, painting, and sculpture. It will provide an opportunity to stimulate creativity and develop problem solving skills as well as allowing students to expand their own general interest in art.

8511 Printmaking **½ year 0.5 credit** **Grades 9 - 12**

A studio workshop course dealing with drawing and designing original art print while exploring hand printing techniques such as woodcuts, calligraphy, linocuts, dry point, silk-screen, monotype and embossing. Outside sketchbook required.

8512 Sculpture **½ year 0.5 credit** **Grades 9 - 12**

A studio workshop course designed to introduce students to techniques of sculpture and to help students understand the difference between 2- dimensional and 3- dimensional art. Students will explore different mediums such as metal, wood, plastic, stone, and clay. Outside sketch book required.

8513 Introduction to Photoshop ½ year 0.5 credit Grades 9 - 12

This course is designed to build 1) your technical skills using digital cameras and Photo Shop, 2) your understanding of the power of visual imagery and 3) your ability to creatively make imagery to both document and actively engage the world of the 21st century.

BUSINESS & COMPUTER EDUCATION

5022 Introduction to Business 1 year 1 credit Grades 9 - 12

This course is designed to enhance the student’s awareness of the business world. Topics include managing a business and personal finances, marketing in today’s world, requirements for building entrepreneurship, partnerships, corporations, basic accounting, savings and investment strategies, introduction to a specific computer package and career planning.

5131 Business Management 1 year 1 credit Grades 9 - 12

This course is designed for any student who is planning to study business in college or would someday like to own their own business. Topics include the stock market, business structures, marketing, human resources, how to start a business and the world of business computers. *Prerequisite:* Introduction to Business or Teacher Recommendation

5023 Accounting I 1 year 1 credit Grades 9 - 12

An introduction to the fundamental principles of the accounting cycle in its simplest form, including the use of special journals, subsidiary ledgers, and a payroll system. The computer is used extensively throughout the course in the completion of the student’s work.

5132 Accounting II 1 year 1 credit Grades 10 - 12

A continuation of Accounting I. After a review of basic accounting procedures, emphasis is placed on departmental and payroll accounting, updating accounts by adjustment, partnership accounting and corporate accounting. Material is organized so students learn how to use accounting data in interpreting accounting information. Computer accounting is a regular part of the coursework. *Prerequisite:* Accounting I

5138 Sports Entertainment & Marketing 1 year 1 credit Grades 9 - 12

This course explores the world of marketing from the perspectives of the sports and entertainment field. Students will learn the skills necessary to be a successful marketer in our economy using events and situations in the areas of sports and entertainment. Emphasis will be placed on all aspects of marketing including accounting, finance, selling, and management related to sports and entertainment marketing.

5920 Computer Applications 1 **1 year** **1 credit** **Grades 9 - 12**

This course introduces the basic principles of computers and application software. It provides an introduction to Word, Excel, PowerPoint, MS Publisher, and Internet research skills. It also provides students the opportunity to earn Microsoft certifications.

ENGLISH

1920 English 9 (*) **1 year** **1 credit** **Grade 9**

This course focuses on the development of essential reading comprehension and writing skills in alignment with the Keystone Exam. Numerous pieces of literature will be examined, including novels *Night* and *We All Fall Down* and Shakespeare's *Romeo and Juliet*.

1900 Honors English 9 (#) (*) **1 year** **1 credit** **Grade 9**

This course focuses on the advanced development of essential reading comprehension and writing skills in alignment with the Keystone Exam. Numerous pieces of literature will be examined, including the novels *Night*, *We All Fall Down*, and *To Kill a Mockingbird*, along with Shakespeare's *Romeo and Juliet*. *Prerequisite:* Grade of 80 or higher in Language Arts 8 and a score of Advanced on all State and District assessments.

1020 English 10 (*) **1 year** **1 credit** **Grade 10**

This course examines World Literature, including multicultural readings. Study of the writing process is continued, with special emphasis on informative writing. Reading comprehension will be a major focus of the course in preparation for the literature Keystone Exam.

1000 Honors English 10 (#) (*) **1 year** **1 credit** **Grade 10**

Offers expansion of college-oriented skills in vocabulary, grammar and writing. An examination of World Literature and Classical literature. Multi-cultural works are included in the world literature readings. Course content is designed toward students planning on furthering their education. Reading comprehension will be a major focus of the course in preparation for the literature Keystone Exam. *Prerequisite:* Grade of 80 or higher in Honors English 9 or 90 in English 9

1120 English 11 (*) **1 year** **1 credit** **Grade 11**

The course provides an in-depth study of American Literature. It includes the study of college level vocabulary and prepares the student for academic studies beyond high school. Skills stressed will include subjective and objective writing, thinking, speaking and reading comprehension. Grammar, spelling and structure will be reviewed to support student writing.

1100 Honors English 11 (#) (*) **1 year** **1 credit** **Grade 11**

The course provides an intensive study of American Literature, advanced level vocabulary, and speaking and writing skills in preparation for college level studies. Preparation for SAT's and different modes of writing will also be stressed. *Prerequisite:* Grade of 80 or higher in Honors English 10 or 90 in English 10

1220 English 12 (*)	1 year	1 credit	Grade 12
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This course includes a survey of British Literature, which will be supplemented with World Literature, vocabulary study suitable for college-bound students and composition skills. Research skills are taught.

1200 Honors English 12 (#) (*)	1 year	1 credit	Grade 12
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This course is an intensive and extensive survey of British literature from the Anglo-Saxon period to modern times. Novels and/or dramas will be read outside of class with reports, tests or projects required. Writing skills will be continued from 11th grade program, with emphasis on expository and essay writing. A research project resulting in a full-term paper is required. *Prerequisite:* Grade of 80 or higher in Honors English 11 or 90 in English 11

1901 Humanities English 9 (#) (*)	1 year	1 credit	Grade 9
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1001 Humanities English 10 (#) (*)	1 year	1 credit	Grade 10
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1101 Humanities English 11/12 (#) (*)	1 year	1 credit	Grades 11 - 12
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These courses are designed to meet the needs of those students who have been identified by the district as mentally gifted. Students will be guided through a variety of projects, both group and individual, that investigate a wide range of topics such as photography, film, philosophy, etc. Students will research topics and create projects that are designed to engage students in areas of interest, broaden their base of knowledge, and allow for creative thinking and problem solving.

1300 AP Literature & Composition (#) (*)	1 year	1 credit	Grade 12
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This course is an intensive and extensive survey of British literature from the Anglo-Saxon period to modern times. Novels and/or dramas will be read outside of class with reports, tests or projects required. Writing skills will be continued from 11th grade program, with emphasis on expository and essay writing. A research project resulting in a full-term paper is required. *Prerequisite:* Grade of 80 or higher in Honors English 11 or 90 in English 11

1301 AP Language & Composition (#) (*)	1 year	1 credit	Grade 11 - 12
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Advanced Placement in English Language & Composition provides students with the opportunity to complete college level study while in high school. This course aligns to an introductory, college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. This course emphasizes the reading of non-fiction and a summer assignment is given. Students may take both Humanities English 11 and AP English 11, if they wish. *Prerequisite:* Grade of 90 or higher in Humanities 10/Honors English 10 or teacher recommendation

1530 Journalism I (*)	½ year	0.5 credit	Grade 9 - 12
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Journalism I is a survey of the different areas of media reporting, including newspaper writing and broadcast journalism. Basic techniques for effective writing, layout design, and presentation will be discussed. Included in this study will be the analysis of current news reporting that involves daily

newspapers, magazines, and television products.

1531 Public Speaking (*) **½ year** **0.5 credit** **Grade 10 - 12**

This course is designed to enable students to communicate more effectively in a public setting. Students will learn to organize and research to present informational, persuasive, and narrative speeches. Students will be expected to present their speeches to the class.

1532 Creative Writing (*) **½ year** **0.5 credit** **Grade 9 - 12**

In this course students will explore various forms of informal writing, such as poems, biographies, short stories, and one-act play scripts. Emphasis will be on imagination and style, creativity, and productivity.

1534 SAT Preparation (English) **½ year** **0.5 credit** **Grade 10 - 12**

This course is designed to familiarize students with the current Scholastic Achievement Test. Students will receive instruction and practice in reading, writing. Reducing test anxiety through constant practice on past tests is an integral part of the course. Students will learn test taking strategies.

1535 Introduction to Film Study **½ year** **0.5 credit** **Grade 9 - 12**

This course will provide students with conceptual and theoretical tools to analyze the script used for film and television. Screenings, lectures, and readings will emphasize critical analysis, form, and content of women in society, and the resistance and transformation of women are highlighted.

1536 Screenwriting **½ year** **0.5 credit** **Grade 9- 12**

This course will provide students with conceptual and theoretical tools to analyze the script used for film and television. Screenings, lectures, and readings will emphasize critical analysis, form, and content of women in society, and the resistance and transformation of women are highlighted.

1539 English for Future Educators **½ year** **0.5 credit** **Grade 10 - 12**

This course introduces students who are interested in pursuing a career in education to the tasks of establishing a purpose for reading, activity and lesson planning, assessment design and teaching short, prepared lessons. Assigned course reading will include literary fiction, popular fiction, non-fiction, and Shakespeare's The Merchant of Venice.

1540 Mystery, Suspense, and Detective Literature **½ year** **0.5 credit** **Grade 10 - 12**

This course is designed to explore the time-honored mystery and detective genres as literary forms ranging from classic novelists and short story writers to modern day interpretations. Students in this course will also examine the literary techniques used to develop suspense in a text.

1541 African American Literature **½ year** **0.5 credit** **Grade 10 - 12**

This class will trace African American Literature from its origins in oral tradition and personal narratives through modern Nobel Prize winning author, Toni Morrison and will spend a substantial amount of time on the Harlem Renaissance. Students will explore how literature portrays themes of freedom and responsibility, relationship and community, constructing identity, the human condition,

adversity, conflict and change, and empowerment. The class is also designed to build skills in communication assisted by technology, literary interpretation and analytical writing.

1542 Introduction to College Writing ½ year 0.5 credit Grade 11 - 12

This course will prepare you to be successful in writing, especially in college. This course will implement the fundamental elements of English composition with emphasis on grammar, punctuation, sentence structure, and short essay construction, including the development of ideas. These elements will be implemented through discussions and writing. In addition, this course will facilitate the analysis of literary and non-fiction materials.

1543 Creative Advertising ½ year 0.5 credit Grade 9 - 12

This project-driven course focuses on idea-generating and writing through the creation of powerful advertisements and promotions to target any audience. Students will learn to brainstorm, conceptualize, then write copy for print, radio, TV, web, and app ads, in a multitude of media, for maximum impact. By the end of the course, students will create and present an entire advertising campaign to the class, acting as an effective, creative, full-service advertising agency.

1544 Heroes & Villains ½ year 0.5 credit Grade 9 - 12

Who are the world's true heroes and villains? Can someone be both? This course will introduce the idea of heroes, villains, anti-heroes, and everyone in-between in literature, media, and history. Students will discuss and debate heroes and villains and what motivates their actions.

FAMILY & CONSUMER SCIENCE

9024 Resources for Living 1 year 1 credit Grade 9 - 12

This course enables students to utilize both personal and environmental resources. Decision making and management skills are emphasized throughout the year. Activities include basic money management, renting and furnishing your first apartment, nutrition and meal planning, parenting, clothing, and consumer economics. Students will be introduced to related career areas.

9025 Basic Clothing 1 year 1 credit Grade 10 - 12

This course is an introduction to basic sewing skills using both machine and hand sewing techniques. Students will need to purchase materials for projects throughout the year. Students will study careers related to the fashion industry including designing apparel, construction of garments, sales and merchandising.

HEALTH & PHYSICAL EDUCATION

7010 Physical Education 9/10 **½ year** **0.5 credit** **Grade 9 - 10**

Physical Education consists of nine (9) three-week units. These activities include lifetime sports (swimming, fitness, gym and Frisbee games), team sports (basketball, volleyball, softball, football and foam hockey), conditioning activities (weight training, walking, fitness testing)

7520 Physical Education 11/12 **½ year** **0.5 credit** **Grade 11 - 12**

Activities include lifetime sports (swimming, fitness, gym and Frisbee games, tennis and archery), team sports (basketball, volleyball, softball, touch/flag football and foam hockey), conditioning activities (weight training, walking, fitness testing).

7521 Lifeguarding and CPR **½ year** **0.5 credit** **Grade 10 - 12**

This course is designed to meet all requirements for American Red Cross Lifeguarding and CPR. Successful completion of this course will enable students to receive American Red Cross certification. Students are required to pass a swimming test in order to take this course.

7522 Swimming & Water Safety **½ year** **0.5 credit** **Grade 10 - 12**

This course is designed to teach students water safety guidelines, swimming, rescue techniques, diving, and skills for all types of aquatic activity. Regardless of your skill level, from novice to advanced swimmer, this course will expand your knowledge, improve your skill and teach basic to advance aquatic skills.

7525 Driver Education Theory **½ year** **0.5 credit** **Grade 10 - 12**

This course is designed to provide students with the knowledge, skills, and attitudes needed for vehicle safety and decision making when operating a vehicle. The course aligns with the Pennsylvania Content and Performance Expectations for Drivers Education. By the end of the course, students will know and understand the Pennsylvania traffic laws related to safe driving. Students will be able to analyze the influences upon driver performance such as drugs, alcohol, and fatigue. Students will complete 30 hours of driver education theory which may allow them to receive a discount on their auto insurance.

7530 Physical Education Majors **1 year** **1 credit** **Grade 11 - 12**

This course will provide hands-on experience that goes beyond traditional classroom learning, encouraging students to actively participate in planning and executing school-wide activities such as dodgeball tournaments, spirit nights, and field days. With a focus on teaching, students will have the unique opportunity to teach Adapted Physical Education to diverse learners and facilitate recesses at elementary schools. This course provides a comprehensive introduction to potential careers in fitness and wellness, blending theoretical knowledge with practical application to prepare students for impactful roles in education and health promotion.

7540 Strength Training & Conditioning ½ year 0.5 credit **Grade 10 - 12**

This course is designed to offer students an in-depth look into the areas of strength and conditioning. Exploration of various techniques and equipment will be the foundation of this course. Students will learn to design individual strength programs, establish lifelong fitness habits, and/or correct the form and movement of exercises. Students will be required to demonstrate and participate in activities that will challenge them both mentally and physically, while safety procedures and emphasized. Form and movement are essential for improved performance and injury prevention. *Prerequisite:* Teacher or Coach Recommendation

7541 Strength Training & Conditioning 2 ½ year 0.5 credit **Grade 11 - 12**

This course is designed specifically for high school juniors and seniors who want to dive deeper into understanding how our bodies work and the practical side of weight training. You'll not only learn about fitness and health concepts but also get hands-on experience with weight training. There will be a classroom component to help you really understand the science behind effective strength training. Whether you're a gym enthusiast or just curious about how to stay fit, this course is your ticket to gaining cool knowledge and skills for a healthier you! *Prerequisite:* Strength Training & Conditioning or Teacher/Coach Recommendation

7550 Life 101 ½ year 0.5 credit **Grade 12**

Life 101 is course designed for high school seniors, aiming to equip students with essential life skills crucial for their transition into adulthood. The course encompasses three key pillars: Health and Wellness, Financial Literacy, and Driver Education. Students will explore topics that empower them to make informed decisions, cultivate healthy habits, manage their finances responsibly, and navigate the road safely.

7920 Health/Wellness Education ½ year 0.5 credit **Grade 10 - 12**

Health education is designed to help each student develop self-identity through the study of the physical, social, and emotional dimensions of people and their relationships to family and community. Health education emphasis is on providing students with the knowledge necessary to make informed decisions that will lead to a healthy lifestyle. Health topics include mental health, comprehensive sexuality education, social skills, nutrition, drugs and alcohol.

0740 Unified Physical Education 1 year 1 credit **Grade 9 - 12**

This is an elective course that combines students of regular and special education to participate together in developmentally appropriate activities including lifetime activities, physical fitness, and sports. Students will work together to increase competence and confidence in a variety of physical activities. Regular education students in this course will be empowered to help create a more inclusive physical education environment by routinely partnering with special education students. This course is recommended for regular education students who may wish to pursue a career in education, health care, nursing, physical therapy, and occupational therapy. Students are assessed on active engagement and appropriate involvement in the activities.

MATHEMATICS

3940A Algebra 1A (*) **1 year** **1 credit** **Grade 9**

This course is the first of two designed to prepare students for the upcoming Algebra Keystone Exam. Students will be taught topics such as solving equations, inequalities and proportions, graphing linear equations and functions, systems of equations and inequalities as well as laws of exponents. Students that successfully complete this course will subsequently take Algebra 1B to finish their preparation for the Algebra Keystone Exam.

3940B Algebra 1B (*) **1 year** **1 credit** **Grade 10**

This course is designed to prepare students for the upcoming Algebra Keystone Exam. Students will be taught topics such as various equations of lines and how to graph them as well as solving multiple equations simultaneously, polynomials and factoring, solving and graphing quadratic equations, and simplifying radical and rational expressions. Upon completion, students will be prepared to successfully complete the PA Keystone Algebra 1 Exam. *Prerequisite:* Algebra 1A

3920 Algebra I (*) **1 year** **1 credit** **Grade 9**

This course is designed for those students with good mathematical ability and interests, who have successfully completed the elementary math series, including pre-algebraic concepts. It extends previously learned arithmetic skills to include expressions involving variables. Major topics include linear equations and inequalities, exponents, polynomials, factoring, quadratic equations, proportions, functions, data analysis, applications and problem solving. *Prerequisite:* Grade of 80 or higher in Math 8 and Proficient on all State and District assessments

3800 Honors Algebra I (#) (*) **1 year** **1 credit** **Grade 9**

This course is designed for those students with excellent mathematical ability and interests, who have successfully completed the elementary math series including pre-algebraic concepts. It extends previously learned arithmetic skills to include expressions involving variables. Major topics include linear equations and inequalities, exponents, polynomials, factoring, quadratic equations, proportions, functions, data analysis, applications and problem solving. *Prerequisite:* Grade of 80 or higher in Math 8 and a score of Advanced on all State and District assessments.

3020 Algebra II (*) **1 year** **1 credit** **Grade 11**

This course is a continuation of Algebra I. It is designed for those students with good mathematical ability and interest who have mastered the concepts and skills of Algebra I. Algebra I concepts are reviewed and extended. *Prerequisite:* Geometry or can be taken concurrently with Geometry with teacher recommendation

3900 Honors Algebra II (#) (*) **1 year** **1 credit** **Grade 10 - 11**

This course is a continuation of Algebra I. Topics include linear and quadratic equations and inequalities, problem solving, systems of equations and inequalities, complex numbers, polynomials, rational exponents and logarithms, sequences and series, conic sections, and statistics. *Prerequisite:* Grade of 80 or higher in Geometry or teacher recommendation. Can be taken concurrently with Honors Geometry with teacher recommendation, Advanced on the Keystone, and 90% final grade in Honors

Algebra 1.

3120 Geometry (*)	1 year	1 credit	Grade 9 - 10
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Geometry is a modern development of Euclidean Geometry covering congruency, similarity, parallelism, perpendicularity, areas and volumes. Concepts from coordinate geometry are reviewed with an emphasis on the integration of algebra and geometry. *Prerequisite:* Algebra 1

3000 Honors Geometry (#) (*)	1 year	1 credit	Grade 9 - 10
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This course is designed for those students with excellent mathematical ability and interest who have mastered the concepts and skills of algebra. Topics include congruency, similarity, parallelism, perpendicularity and area/volume of geometric figures. Concepts from coordinate geometry are reviewed with an emphasis on the integration of algebra and geometry. *Prerequisite:* Grade of 80 or higher in Algebra I or teacher recommendation. Can be taken concurrently with Honors Algebra 2 with teacher recommendation, Advanced on the Keystone, and 90% final grade in Honors Algebra 1.

3202 Pre-calculus (*)	1 year	1 credit	Grade 11 - 12
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This course is an extension of the concepts covered in the two prerequisite courses with an emphasis on the functional aspects necessary for the preparation for the study of calculus. *Prerequisite:* Algebra II

3100 Honors Pre-calculus (#) (*)	1 year	1 credit	Grade 11 - 12
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This course is designed for those students with excellent mathematical ability and interest who have mastered the skills of Algebra II and Geometry. This course is an extension of the concepts covered in the two prerequisite courses with an emphasis on the functional aspects necessary for the preparation for the study of calculus. *Prerequisite:* Grade of 80 or higher in Algebra II or teacher recommendation

3201 Calculus (*)	1 year	1 credit	Grade 12
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Topics will include limits, differentiation and its applications, integration and its applications, transcendental Calculus and analytical geometry. This course will cover the following topics: Analytic geometry, behavior of functions, limits and transcendental functions. Major emphasis is on derivatives and methods of integration with application. *Prerequisite:* Pre-calculus or teacher recommendation

3204 Introduction to College Math (*)	1 year	1 credit	Grade 11 - 12
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This course is an overview of topics that may be encountered by first-year college students. Students will explore Set Theory, Logic, Consumer Topics, Algebra, Geometry, Probability and Statistics.

3207 Statistics (*)	1 year	1 credit	Grade 11 - 12
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This course focuses on elements such as probability, statistical distributions, hypothesis testing, and other statistical investigations. It is designed for students who intend to enroll in college but not major in a science-oriented discipline. *Prerequisite:* Algebra II

3208 Applied Mathematics **1 year** **1 credit** **Grade 11 - 12**

The course is about real-world mathematics and how a wide variety of workers use math skills in their daily job. It will provide the quantitative knowledge and skills necessary for improving the quality of life as a worker, citizen, and consumer. This course is for the non-college bound student

3209 Personal Finance **1 year** **1 credit** **Grade 11 - 12**

This course is designed to help students understand the impact of individual choices concerning occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets; simulate use of checking and savings accounts; demonstrate knowledge of finance, debt, and credit management; and evaluate and understand insurance and taxes. May not be taken concurrently with Consumer Math.

3300 AP Calculus AB/BC (#) (*) **1 year** **1 credit** **Grade 12**

AP Calculus AB is a college-level mathematics course for which many colleges will grant advanced placement and/or credit based upon the results of the Advanced Placement Examination. Students who enroll in this course should have demonstrated mastery of the advanced topics in algebra, trigonometry, analytic geometry, complex numbers and calculus. The major emphasis of the course will be differential and integral calculus with applications. Students will be expected to solve problems analytically, graphically, through modeling and using technology and to express those answers both orally and in well-written sentences. *Prerequisite:* Grade of 80 or higher in Honors Pre-Calculus or teacher recommendation

3302 AP Statistics (#) (*) **1 year** **1 credit** **Grade 11 - 12**

AP Statistics is a college-level mathematics course for which many colleges will grant advanced placement and/or credit based upon the results of the Advanced Placement Examination. Students who enroll in this course should have demonstrated mastery in Algebra I and Algebra II. The major emphasis of the course will be measures of central tendency and dispersion, hypothesis testing and parametric testing. Students will be expected to solve problems analytically and demonstrate understanding of complex statistical analysis through well-written responses. *Prerequisite:* Grade of 80 or higher in Pre-calculus or teacher recommendation.

3531 Consumer Math **½ year** **0.5 credit** **Grade 11 - 12**

This course covers the basic fundamentals of math and their applications to consumer problems. Topics covered will include income, money management, taxes, car ownership, housing, foods, travel, spending and credit, as well as saving and investing. May not be taken concurrently with Personal Finance.

3532 Trigonometry (*) **½ year** **0.5 credit** **Grade 11 - 12**

This course will focus on trigonometric functions, graphs, identities, equations, and inverse relations. This course also includes the study of logarithmic, imaginary numbers, and an introduction.

3533 Probability $\frac{1}{2}$ year 0.5 credit Grade 11 - 12

This course is designed for students interested in learning about odds and probability as it pertains to different types of games. Students will learn how to compute compound probability and the variety of factors that go into creating a specific probability. The topics will be covered by exploring games, sports, and other topics that frequently use probability.

3534 SAT Preparation (Math) $\frac{1}{2}$ year 0.5 credit Grade 10 - 12

This course is designed to familiarize students with the current Scholastic Achievement Test. Students will receive instruction and practice in mathematics. Reducing test anxiety through constant practice on past tests is an integral part of the course. Students will learn test taking strategies.

MUSIC

8025 Concert Band 1 year 1 credit Grade 9 - 12

This course is offered to prepare students to perform in a concert setting. Students will study different styles of band literature including classical, popular and 20th century. Sight-reading and technical development will also be stressed. *Prerequisite:* Teacher recommendation required

8027 Concert Choir 1 year 1 credit Grade 9 - 12

All styles and genres of music are studied and performed in class. Emphasis is placed on choral singing with good tone production and musical interpretation. Reading music is an on-going skill that singers acquire through singing various musical pieces. This is a performance based class and participation in a few after school rehearsals and evening concerts is a requirement.

8029 Guitar I 1 year 1 credit Grade 9 - 12

This course is designed for students interested in learning how to play guitar. Students will learn how to read music and basic guitar skills such as major scales, chords, chord progressions, and songs from the Level 1 guitar book.

8139 Guitar II 1 year 1 credit Grade 10 - 12

This course is designed for students interested in continuing their study of the guitar at the intermediate level. Students build upon the skills learned in Guitar 1 class and learn all major and minor scales and chords. Repertoire will be from Level 2 Guitar books. *Prerequisite:* Guitar I

8028 Piano Lab I 1 year 1 credit Grade 9 - 12

This course is designed for students interested in learning how to play the piano. Students will learn how to read music and basic piano skills such as major scales, chords, chord progressions, and songs from the Level I piano book.

8138 Piano Lab II	1 year	1 credit	Grade 10 - 12
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This course is designed for students interested in continuing their study of piano at the intermediate level. Students build upon the skills learned in Piano Lab I class and learn all major and minor scales and chords. Repertoire will be from Level II piano books. Prerequisite: Piano Lab I

8130 Sound Engineering/Digital Media	1 year	1 credit	Grade 10 - 12
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This course is designed for students who are interested in learning basic music sequencing and sound engineering through the use of Garage Band, electronic keyboarding, electric guitar, and related MIDI and audio devices. This course will examine music podcasting and creative music rights.

8131 Select Choir	1 year	1 credit	Grade 10 - 12
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The Select Choir is an advanced vocal class offered to students in grades 10 -12 by audition only. Students will advance their vocal skills with emphasis on performance techniques, tone production, breathing, articulation and musicality. Repertoire will range from Renaissance to Modern with a variety of styles and genres. Participation in the choral program includes required after-school rehearsals and all scheduled concerts and performances. Prerequisite: Audition required

8031 Music Theory (#)	1 year	1 credit	Grade 10 - 12
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The Music Theory course will present the core skills and knowledge expected to be mastered upon successful completion of the first year of Music Theory in most standard college curriculums. In addition to elements of musical form, structure, and terminology, students will be expected to audiate, phonate, notate, and compose melodies, intervals, scales, and chords in all keys and clefs.

8300 AP Music Theory (#)	1 year	1 credit	Grade 11 - 12
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This is a college level course for which students may earn college credits upon successful completion of the Advanced Placement Examination. The AP Music Theory course will present the core skills and knowledge expected to be mastered upon successful completion of the first year of Music Theory in most standard college curriculums. Prerequisite: Music Theory or Teacher recommendation

SCIENCE

4020 Biology (*)	1 year	1 credit	Grade 9
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This course designed to offer an understanding of our biological heritage. The content is focused on the use of life science principles as powerful conceptual tools to make sense of the complexity, diversity and interconnectedness of life on earth. Students engage in laboratory and authentic learning experiences that encourage the application of biological knowledge to make decisions and solve problems. The course is designed to help students prepare for the Biology Keystone Exam, the successful completion of which is a Pennsylvania state graduation requirement. Class meets five times a week for labs and lectures.

4000 Honors Biology (#) (*) **1 year** **1 credit** **Grade 9**

This course is a high-level introduction to modern biology. Stress is placed on interaction of biological units and continuity of life through the study of cellular structure, genetic adaptations, heredity and reproduction. Class meets five times a week for labs and lectures. Passing biology is required for graduation. *Prerequisite:* Grade of 80 or higher in Science 8 or Teacher Recommendation

4010 Honors Biology 2 (#) (*) **1 year** **1 credit** **Grade 11 - 12**

This course is designed for students interested in the structure and function of the human body. It includes an in-depth study of human anatomy and physiology, with dissections of several different specimens. This course is beneficial for students who plan to pursue a career in medicine, nursing, or physical therapy. *Prerequisite:* Honors Biology

4120 Academic Chemistry (*) **1 year** **1 credit** **Grade 10 - 12**

This course deals with the structure and composition of matter and the changes that matter undergoes. It requires students to apply themselves to an intensive examination of the fundamental principles of chemistry built on a framework of experimental observations. *Prerequisite:* Biology

4100 Honors Chemistry (#) (*) **1 year** **1 credit** **Grade 10 - 12**

This course is a high-level introduction into modern chemistry. It involves lectures, demonstrations, class discussions and laboratory investigations. *Prerequisite:* Successful completion of Biology, Algebra I, or teacher recommendation

4110 Honors Chemistry 2 (#) (*) **1 year** **1 credit** **Grade 12**

This course is designed to build on concepts learned in Honors Chemistry and Academic Chemistry. It is recommended for students who plan to major in any of the physical sciences. The program consists of student-centered, self-investigative analytical procedures and requires proficiency in the manipulation of the concepts previously studied. *Prerequisite:* Honors Chemistry or teacher recommendation

4240 Conceptual Physics (*) **1 year** **1 credit** **Grade 11 - 12**

This course offers the basic study of the principles and laws of physics. This course offers a hands-on approach for studying the basic principle and laws of physics. Concepts are stressed rather than mathematics. Designed for the college bound liberal arts major. *Prerequisite:* Chemistry

4220 Lab Physics (*) **1 year** **1 credit** **Grade 11 - 12**

This algebra-based course is recommended for students planning to major in science or engineering in college. It is laboratory-oriented and covers mechanics; the branch of physics dealing with motion, forces, and energy. *Prerequisite:* Proficient or above on Keystone Algebra Exam

4200 Honors Physics (#) (*) **1 year** **1 credit** **Grade 11 - 12**

This course offers a rigorous mathematical treatment of the physical world and is recommended for students planning to attend college. It is laboratory-oriented and covers mechanics; the branch of physics dealing with motion, forces, and energy. *Prerequisite:* Proficient or above on Keystone Algebra

Exam, Grade of 80 or higher in Academic Chemistry or 75 or higher in Honors Chemistry, Pre-calculus or Honors Geometry concurrently or Teacher Recommendation.

4210 Honors Physics 2 (#) (*) 1 year 1 credit Grade 12

This course is a continuation of the exploration of physical phenomena. Topics include; oscillations & waves, optics, electricity & magnetism, and topics in modern physics. *Prerequisites:* Lab Physics, Honors Physics

4420 Environmental Science 1 year 1 credit Grade 10 - 12

This course provides students with a foundation of understanding, knowledge, and skills to deal effectively with complex environmental issues. Students will utilize a variety of laboratory and field techniques to study topics that include global warming, acid rain, and endangered species. An emphasis is placed on students using critical thinking and analytical skills to make a positive impact on the environment.

4422 Earth and Space Science 1 year 1 credit Grade 10 - 12

This course deals with the oceanography, meteorology, and astronomy branches of earth science. Hands-on activities and projects are included throughout the year.

4425 Microbiology (*) 1 year 1 credit Grade 11 - 12

This course investigates microorganisms and the various roles they play in our living world. Topics explored in this class include identification of common microbes, culturing and staining microorganisms, host-microbe relationships, disease processes, uses of microbiology in industry, immune response and epidemiology. Instruction focuses on the impact microorganisms have on health, biotechnology and the environment. Discussions about harmful microorganisms, the diseases and conditions they cause, and the body's resistance and response to such activities are also stressed.

Prerequisite: Biology

4426 Forensic Science (*) 1 year 1 credit Grade 10 - 12

The principles and practices of Forensic Science is a course designed to explore the application of basic biological, chemical and physical science principles and technological practices to the purposes of justice in the study of criminal and civil issues. Major themes of study in this course are observation skills, crime scene investigation, the analysis of hair, fiber, and blood spatter. Fingerprint and DNA analysis will also be included, and course will culminate in a final year-end miniature crime scene.

Prerequisite: Biology

4400 Honors Anatomy & Physiology (#) (*) 1 year 1 credit Grade 11 - 12

This course offers an in-depth study of human body systems and should be considered by students interested in the healthcare field. Students will examine the structure and function of the human body from the cellular to the organ level. Instruction will include detailed investigations of the Integumentary, Skeletal, Muscular, Circulatory, Respiratory, Digestive, Endocrine, Excretory, Nervous, and Reproductive systems. Students will be required to dissect multiple specimens including pigs, cats, and

frogs. Students will also complete research projects on disorders of the human body. *Prerequisite:* Grade of 80 or higher in Academic Chemistry or Honors Chemistry, or teacher recommendation

4301 AP Biology (#) (*) **1 year** **1 credit** **Grade 11 - 12**

AP Biology is a college level course designed to provide exceptional, highly motivated high school seniors with the opportunity to receive 3 college level credits in the biological sciences. The course is academically demanding, with emphasis on student discovery and problem solving. This course includes an in-depth study of populations, evolution, plants, vertebrates and molecular biology. Summer assignment required. *Prerequisite:* Grade of 80 in Biology and Chemistry or teacher recommendation.

4302 AP Chemistry (#) (*) **1 year** **1 credit** **Grade 11 - 12**

AP Chemistry is designed to be the equivalent of the general chemistry course taken during the first year of college. The course is academically demanding with emphasis on student discovery and problem solving. Summer assignment required. *Prerequisite:* Grade of 80 or higher in Chemistry or teacher recommendation.

4303 AP Physics II (#) (*) **1 year** **1 credit** **Grade 11 - 12**

AP Physics is a college-level course designed to provide exceptional, highly motivated high school seniors with the opportunity to receive three (3) college-level credits in physics. The course is academically demanding with emphasis on student discovery and problem solving. *Prerequisite:* Grade of 80 or higher in Honors Physics or teacher recommendation.

4530 Exercise & Sports Physiology **½ year** **0.5 credit** **Grade 10 - 12**

This course is designed for students who may be interested in kinesiology, sports medicine, nutrition, physical therapy, or athletic training. Students will learn about the biology of movement science, the physiology of human energy systems, science based training and nutrition strategies for athletes. Students will conduct their own scientific study in the field of sports performance or nutrition allowing them to explore an area of sports performance or nutrition that they are interested in, while also learning how to collect human data safely and ethically.

4531 Natural Disasters **½ year** **0.5 credit** **Grade 10 - 12**

Students are introduced to our planet's structure and its dynamic system of natural forces through an examination of the natural hazards of earthquakes, volcanoes, landslides, tsunamis, floods and tornadoes, as well as avalanches, fires, hurricanes and thunderstorms. They see how these natural events become disasters when they impact a region physically, economically, and emotionally, while investigating how engineers help to make people safe from them.

4532 Honors Environmental Educator Intern (#) **½ year** **0.5 credit** **Grade 11 - 12**

This course is designed for students interested in exploring a career in teaching, focusing on fundamental principles and practical experiences. Participants will visit outdoor and environmental education centers, learning to develop and deliver age-appropriate lessons for elementary and/or middle school students, aligning with state standards. The course emphasizes project-based learning, replacing traditional tests. Students will lead two environmental education lessons, evaluated on their lesson plans,

delivery, and group management. Additionally, a service component requires a minimum of 8 hours of volunteering in environmental initiatives, such as participating in cleanups, tree plantings, or assisting with programs at outdoor education centers. *Prerequisite:* Grade of 80 or above in Environmental Science or Honors Biology or teacher recommendation

SOCIAL STUDIES

2920 Western Civilizations (*) 1 year 1 credit Grade 9

This course will review the development of world civilizations from a period of transition to the modern world. Contemporary world events will also be reviewed to foster a global outlook. Students will apply social studies skills to help in developing an understanding of the significance of the role geography, history, economics, and cultures have played in impacting world events.

2900 Honors Western Civilizations (#) (*) 1 year 1 credit Grade 9

This course is an intensive study of the development of world civilizations. The essential relationship between economy, environment, and society will be explored as ancient civilizations transition to the modern world. A comparative study of Old and New World cultural responses to environmental stimuli will serve to demonstrate the evolution of complex societies. Included are in-class activities, mandatory writing and research projects, and examination of historical and political trends. *Prerequisite:* Grade of 80 or higher in Social Studies 8 or teacher recommendation.

2020 American Studies III (*) 1 year 1 credit Grade 10

This course will emphasize the development of the United States in the Twentieth Century from the Great Depression to the present. It will also provide background on the ideals of American government.

2000 Honors American Studies III (#) (*) 1 year 1 credit Grade 10

This course is an intensive exploration of the development of the United States in the 20th century to the present. It also provides background on the ideals of the American Government. Included are in-class activities, mandatory writing and research projects. *Prerequisite:* Grade of 80 or higher in Western Civilization or teacher recommendation.

2120 Civics & Government (*) 1 year 1 credit Grade 11 - 12

This course examines the organization and operation of American government. It focuses on our nation's government, with an emphasis on political theory, governmental structure and process, political parties, interest groups, as well as, current political issues and problems.

2100 Honors Civics & Government (#) (*) 1 year 1 credit Grade 11 - 12

This course examines the organization and operation of American government. It focuses on our nation's government, with an emphasis on political theory, governmental structure and process, political parties, interest groups, as well as, current political issues and problems. Included are in-class activities, mandatory writing and research projects, and examination of historical and political trends. *Prerequisite:* Grade of 80 or higher in American Studies III or teacher recommendation.

2220 Studies in Diversity (*) **1 year** **1 credit** **Grade 11 - 12**

This course is designed to explore the origins and cultural characteristics of the many ethnic groups that populate the United States. From the earliest English, Dutch, French and Spanish settlers to more recent Asian and Central American groups, we study the historical and social impact of those that have made America a “melting pot.” We also examine issues related to race, gender, class and sexual orientation.

Prerequisite: American Studies III

2223 Sociology (*) **1 year** **1 credit** **Grade 11 - 12**

The study of man, society and culture, and interpersonal relationships with special emphasis on the family, community and the individual’s personality development as affected by cultural phenomena. During the last nine weeks, emphasis is placed on specific social problems existing in contemporary society.

Prerequisite: American Studies III

2200 Honors Sociology (#) (*) **1 year** **1 credit** **Grade 11 - 12**

This course is an intensive study of man, society and culture, and interpersonal relationships with special emphasis on the family, community and the individual's personality development as affected by cultural phenomena. Special emphasis will be placed on the role of the media in the development/representation of race and gender in terms of how these cultural identifications influence bias in the individual.

Included are in-class activities, mandatory writing and research projects/presentations, and examination of cultural trends in American Society. *Prerequisite:* Grade of 80 or higher in American Studies III or Civics & Government or teacher recommendation.

2225 Psychology (*) **1 year** **1 credit** **Grade 11 - 12**

This is a comprehensive introductory course which covers theories of motivation, development and personality through biological, environmental and unique influences. Special emphasis is placed on the theories of major psychologists and on special topics such as emotion, frustration, conflict, mental illness and mental health. Outside reading and research are required. *Prerequisite:* American Studies III

2300 AP United States History (#) (*) **1 year** **1 credit** **Grade 10 - 12**

This is a college level course which offers the possibility of college credit while fulfilling the basic requirement of American History. The content of the course encompasses the evolution of our American political, economic and social institutions, as well as, the events and people who made them from their inception in the colonial era to modern day America. *Prerequisite:* Grade 80 or higher in Honors Western Civilizations or teacher recommendation.

2301 AP United States Government & Politics (#) (*) **1 year** **1 credit** **Grade 11 - 12**

This is a college level course which offers the possibility of college credit while fulfilling the basic requirement of Civics & Government. The course involves extensive reading and written assignments which go beyond the scope and intent of the other United States government courses offered. The major emphasis will be on class discussions of work assignments from a basic survey text and supplementary readings. The content of the course encompasses constitutional underpinnings of United States government: political beliefs and behaviors, political parties, interest groups and mass media, three branches of our government, and civil rights and liberties. *Prerequisite:* Grade 80 or higher in Honors

American Studies III or teacher recommendation.

2302 AP Psychology (#) (*) 1 year 1 credit Grade 11 - 12

This is a college level course for which students may earn college credits upon successful completion of the Advanced Placement Examination. This course explores the fundamental topics regarding behavior and mental processes. Topics include research methods, neuropsychological basis of behavior, genetic and evolutionary foundations of behavior, development, sensation and perception, consciousness and its altered states, learning, intelligence and reasoning, basic motives and emotions, personality, stress and coping, psychopathology and social interaction. *Prerequisite:* Grade 80 or higher in Hon Am Studies III/Civics & Government or teacher recommendation.

2303 AP World History: Modern (#) (*) 1 year 1 credit Grade 11 - 12

This is a college level course which offers the possibility of college credit upon successful completion of the Advanced Placement Examination. This course will explore the cultural, economic, political, and social developments that have shaped the world from c. 1200CE to the present. Students will analyze texts, sources, and other historical evidence, and write essays expressing historical arguments. This course will develop students' historical thinking and argumentation skills. *Prerequisite:* Grade 80 or higher in Honors American Studies III/Civics & Government or teacher recommendation

2530 The Evolution of Women in the U.S. ½ year 0.5 credit Grade 10 - 12

This course will look at women historically, economically, politically, racially, sociologically, and psychologically over the last 240 years. From Clara Barton to Beyoncé, feminism will be defined and examined. This course will investigate women getting the right to vote to the impact of Title IX. This course will offer an in-depth analysis of the positive and negative effects of being a woman in the U.S.

2531 Modern U.S. History through Film ½ year 0.5 credit Grade 9 - 12

This course will use the film medium to approach significant problems, events, tragedies, and people in modern United States history. Students will be asked to rethink the relationship between “reality and representation” and re-conceptualize the boundaries between history and film.

2532 American Sports History ½ year 0.5 credit Grade 9 - 12

This course examines the place sports have held in American life since the mid-nineteenth century. The course focuses on sports as a reflection of our social, political, and economic make-up and its ability to effect and shape our institutions. Particular attention will be given to social class, race and ethnicity, gender, community, technology, and commercialization by the media.

2533 Contemporary Issues and World Affairs (*) ½ year 0.5 credit Grade 10 - 12

This course is a study of world events. Topics will include religious wars, global warming, terrorism, global interdependence, pandemics and more.

2534 Everyday Law (*) **½ year** **0.5 credit** **Grade 10 - 12**

This course will provide an overview of an individual's legal rights and responsibilities as a citizen of the United States. It will serve as an introduction to the law and the legal system.

2535 American Pop Culture **½ year** **0.5 credit** **Grade 9 - 12**

A study of America's history of popular "pop" culture. This course will examine the impact of consumer products including popular trends, technology and social media, television, films, music and many other examples of how popular culture shaped our nation's great history.

TECHNOLOGY EDUCATION

9921 Fundamentals of Engineering 1 **1 year** **1 credit** **Grade 9 - 10**

This course will consist of achieving The Certification in Onshape. The course features a series of videos, assignments, and assessments where the progression of each student can be monitored and graded by the instructor the semester culminates with the students taking the national exam to become certified. The students will spend the subsequent semester working on complex designs with 3D printed and laser cut builds.

9922 Fundamentals of Engineering 2 **1 year** **1 credit** **Grade 10 - 12**

This course will consist of achieving The Certification in Autodesk Fusion 360. This certification process follows the same format as FOE I and will culminate with students taking the national exam to become certified Fusion 360 users. The remainder of the year the students will work on advanced 3D models for 3D prints and laser cut builds. *Prerequisite:* Fundamentals of Engineering 1

9923 Fundamentals of Architecture **1 year** **1 credit** **Grade 11 - 12**

This course will consist entirely of Autodesk Revit Architecture and will focus on Residential Home Design. Students will begin by researching approved zoning requirements and building codes. The students will then learn the fundamentals of house design and basic architecture. Students will design the complete house and its adjoining site plan on Revit. *Prerequisite:* Fundamentals of Engineering 1

0946 Unified STEAM **1 year** **1 credit** **Grade 9 - 12**

This is an elective course that offers the opportunity for regular and special education students of varying ability levels and backgrounds to collaborate and serve as both a peer mentor and learner. This course is designed to provide students the opportunity to experience Art and STEM in a modified environment. The focus of this course is on the academic and social growth of all participants, engaging in STEAM activities alongside peers to support and foster social relationships within the school community. This course will allow each student to gain an appreciation and understanding of the various abilities that are present in a STEAM setting. Students are assessed on active engagement and appropriate involvement in the activities.

TECHNOLOGY DUAL ENROLLMENT PROGRAM

Project Lead the Way High School Honors Engineering Program

The PLTW Pathway to Engineering (PTE) program is a sequence of courses which follows a proven hands-on, real-world problem-solving approach to learning. Throughout the program, students learn and apply the design process, acquire strong teamwork and communication proficiency and develop organizational, critical-thinking, and problem-solving skills. Each of these courses allows our students to earn three (3) college credits from Rochester Institute of Technology. These courses are weighted.

9000 Introduction to Engineering Design (IED) (#) 1 year 1 credit Grade 10 - 12

This course emphasizes the development of a design. Students use the The Fusion 360 computer software to produce, analyze, and evaluate models of projects solutions. *Prerequisite:* Algebra I

9100 Principles of Engineering (POE) (#) 1 year 1 credit Grade 10 - 12

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, robot build/program, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. *Prerequisite:* Introduction to Engineering Design or teacher recommendation

9200 Civil Engineering & Architecture (CEA) (#) 1 year 1 credit Grade 11 - 12

Students learn important aspects of architecture, residential building design, and site design development. They apply math, science, and standard engineering practices to design both residential Habitat for Humanity Home and Commercial building (Coffee shop) projects and document their work using AutoCAD Revit architecture design software. *Prerequisite:* Principles of Engineering or teacher recommendation

9210 Digital Electronics (DE) (#) 1 year 1 credit Grade 11 - 12

This course is designed to study electronic circuits that are used to process and control digital signals providing a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices. *Prerequisite:* Principles of Engineering or teacher recommendation

9215 Computer Integrated Manufacturing (CIM) (#) 1 year 1 credit Grade 11 - 12

Computer Integrated Manufacturing is one of the specialization courses in the PLTW Engineering program. The course deepens the skills and knowledge of an engineering student within the context of efficiently creating the products all around us. Students build upon their Computer Aided Design (CAD) experience through the use of Computer Aided Manufacturing (CAM) software Students learn and apply concepts related to integrating robotic systems such as Automated Guided Vehicles (AGV) and robotic arms into manufacturing systems. Throughout the course students learn about manufacturing processes and systems. This course culminates with a capstone project where students design, build, program, and present a manufacturing system model capable of creating a product. *Prerequisite:* Principles of

Engineering

9230 Computer Science Principles (CSP) (#) 1 year 1 credit Grade 11 - 12

CSE implements the College Board's CS Principles framework. Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cyber security, and simulation. *Prerequisite:* Completion of IED and POE

9231 Computer Science A (#) 1 year 1 credit Grade 12

Computer Science A focuses on further developing computational-thinking skills through the medium of Android™ App development for mobile platforms. This course utilizes industry-standard tools such as Android Studio Java™ programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases. This course aligns with the AP CSA course. *Prerequisite:* Completion of Computer Science Principles

9240 Principles of Biomedical Science (#) 1 year 1 credit Grade 10 - 12

In this student directed introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, construct models, and conduct research. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems. Class meets five times a week for labs and lectures. *Prerequisite:* Grade of 80 or higher in Academic/Honors Biology

9241 Human Body Systems (#) 1 year 1 credit Grade 11 - 12

Human Body Systems is the second course in the PLTW Biomedical Science Pathway. Students learn about the human body and explore the systems that help us move, maintain homeostasis, protect us from disease or injury, and facilitate communication within the body and with the outside world. Students solve medical mysteries, analyze medical case files and diagnose diseases, as well as building models and designing experiments to explore the structure and function of the human body in the path to understand how the systems of the body work together to keep us well. Class meets five times a week for labs and lectures. *Prerequisite:* Grade of 80 or higher in Principles of Biomedical Science or teacher recommendation

9220 PLTW Capstone (#) 1 year 1 credit Grade 12

PLTW Capstone is a capstone course for students who are completing any of PLTW's high school programs. It is an open-ended research course in which students work in teams to design and develop an original solution to a well-defined and justified open-ended problem. This course is appropriate for 12th grade students who are interested in any technical career path because the projects students work on can vary with student interest, and the curriculum focuses on collaborative problem solving and project management. Students should take PLTW Capstone as the final PLTW course, because it requires application of the knowledge and skills introduced during the PLTW foundation courses. This course is

not designed to teach additional content, but to empower students to find resources—mentors, subject matter experts, research articles, peers, and teachers—to meet their needs, bolster their skills, and solve the problem they have selected. *Prerequisite:* 12th grade class for any PLTW Bio-med, Computer Science, and Engineering

9301 Information Technology 1 **1 year 1 credit Grade 12**

The course focuses on the basics of computer hardware, software, mobile computing, networking, troubleshooting, and emerging technologies. Students learn about configuring operating systems, file and folder management, networks and network configuration, and the role of the OSI model in networking and troubleshooting. A fundamental understanding of computer hardware, operating systems, computer application software, networking technologies and protocols, web browsers, identifying security risks, troubleshooting errors, and system maintenance is gained. The course also includes an exploration of cutting-edge technologies such as cloud computing and virtualization.

THEATRE

8910 Theater I **1 year 1 credit Grade 9 - 12**

This course is designed for students with little or no previous knowledge of theatre. It provides a positive and non-threatening environment for acting and stresses the use of theatre games and exercises. Some of the objectives of the course include building students' self-confidence and self-awareness. In addition, students are responsible for preparing monologues and scenes that must be memorized for class presentation. Performance participation is required.

8010 Theatre II **1 year 1 credit Grade 10 - 12**

This course will build on the learning and objectives of Theatre I and will stress advanced study in acting. Performance participation is required. *Prerequisite:* Theatre I

8110 Theatre III **1 year 1 credit Grade 11 - 12**

This course will focus on the development of advanced techniques in the study of acting, directing and stagecraft. Performance participation is required. *Prerequisite:* Theatre II and teacher recommendation.

8210 Theatre IV **1 year 1 credit Grade 12**

This course will focus on the contemporary plays and musicals, alternating each marking period. At the end of the year, public performances will be required as their final exam. This course is offered for seniors who have successfully completed Theatre II and Theatre III. Performance participation is required. *Prerequisite:* Theatre III and teacher recommendation.

8310 Honors Theatre Production **1 year 1 credit Grade 10 - 12**

This course is designed to provide opportunities for students to develop the knowledge, skills, and dispositions articulated across theatre in the arts framework. Students will study a theatrical production and understand/apply knowledge of the entire production process to a finished product. Focusing on, but not limited to dramaturgy, historical context, production challenges (sets, lighting, costumes), implementing technology, performances styles, and a performance sample. Academic writing is

embedded throughout the course and performance participation is required. *Prerequisite:* Theater 1 or some theater knowledge is highly suggested.

VIDEO

8410 Introduction to Multimedia Production 1 year 1 credit Grade 9 - 10

The course is a project-based course which introduces students to the fundamentals of the Multimedia Production. Using Apple iLife and Adobe Elements Suite. Students will create and share video, photos, music, Podcasts, Vidcasts and more as well as the legal and social implications of producing and sharing their creations. Projects include: Photo Slideshow, Audio Podcast, Audio Podcast with Photos, Song Creation through digital Loops, Raw Video Footage, Editing/Effects, Original Video, Stop-Motion Video.

8411 Video Production I 1 year 1 credit Grade 9 - 10

The course is a project-based course to introduce students to the basics of the Pre-Production, Production, and Post-Production Processes of Video and TV Production. Students will be introduced to the basics of the Video Production Process and be able to improve and showcase the learned skills through projects such as school events, commercials, newscasts, music videos, how-to videos, PSAs, mini-documentaries, and more.

8412 Video Production II 1 year 1 credit Grade 10 - 12

The course is a project-based course to improve students' skills in Pre-Production, Production, and Post-Production of Video and TV Production. Students will be introduced to the more advanced skills of the Video Production Process and be able to improve and showcase the learned skills through projects such as school events, Stop-Motion commercials, newscasts, tilt-shift effect, how-to videos, PSAs, mini-documentaries, and more. *Prerequisite:* Video Production I or teacher recommendation

8421 T.V. News Production 1 1 year 1 credit Grade 10 - 12

Through Projects, students learn how to plan, create and share TV News Broadcasts and Reports, as well as the legal and social implications of producing and sharing their News Coverage. Daily News will be produced and recorded to be aired to the Student Body, as well as special reports on News and Sports to be aired online and on the BTSD Info-Channel. Projects include: Live and Recorded Daily News Casts, On Site News and Sports Reports, and Investigative Reporting. *Prerequisite:* Introduction to Multimedia Production or Video Production 1 or teacher recommendation

8422 T.V. News Production 2 1 year 1 credit Grade 11 - 12

This course is a continuation of the TV News Production 1 course. It will allow students to further develop their skills and take on leadership roles as producers and directors of student produced shows like the Daily Morning News and the Quarterly News Show-Truman 360. *Prerequisite:* T.V. News Production 1 or teacher recommendation.

WORLD LANGUAGE

6310 Italian I (*)

1 year 1 credit Grade 9 - 12

Students will be introduced to Italian language and culture, acquiring skills in listening, reading, writing, and speaking. The class presents opportunities to develop practical language skills with immediate application in communicative situations. Students are also exposed to the history and culture of Italy through the use of computers, movies, television programs, projects, and celebrations.

6321 Italian II (*)

1 year 1 credit Grade 9 - 12

Students will continue to develop the skills introduced in the first level course. Reading and writing skills will be stressed in coordination with listening and speaking skills and grammatical accuracy. There will be a formal study of various aspects of Italian culture. *Prerequisite:* Italian I

6320 Honors Italian II (#) (*)

1 year 1 credit Grade 10 - 12

Students will continue to develop the skills introduced in the first level course. Reading and writing skills will be stressed in coordination with listening and speaking skills with grammatical accuracy. Authentic materials, such as brochures, advertisements, magazine articles, and Italian television will be used to give students a more realistic understanding of contemporary Italian life. This course will prepare the student for future honors level courses in Italian and will cover more material in greater depth than the regular Italian II course. *Prerequisite:* Grade of 80 or higher in Italian I or teacher recommendation

6331 Italian III (*)

1 year 1 credit Grade 11 - 12

Students will continue to develop the skills of listening, speaking, reading and writing through the use of the basic text and variety of supplementary materials, including audio and video tapes of native speakers of the Italian speaking world. Students will be introduced to a wider scope of history and culture in the language which will be developed through readings, projects and class activities. *Prerequisite:* Italian II or teacher recommendation

6330 Honors Italian III (#) (*)

1 year 1 credit Grade 11 - 12

Students will continue to develop the skills of listening, speaking, reading and writing through the use of the basic text and a variety of supplementary materials, which include audio and video tapes of native speakers. Units on art, music and poetry traditionally studied in the fourth year will be included in the third-year curriculum. The use of the computer and the Internet will be an integral part of the curriculum. *Prerequisite:* Grade of 80 or higher in Honors Italian II or teacher recommendation

6340 Honors Italian IV (#) (*)

1 year 1 credit Grade 12

Students will continue to develop the four basic language skills previously mentioned and will place greater focus on the foreign language as an acquired second language. Literature from recognized authors will be studied in great depth, to emphasize literary analysis in the foreign language. An extensive grammar component will be in place which should serve as important preparation for those students taking the SAT II Foreign Language exams as well as placement tests required by most universities. The computer and Internet will continue to be a vital part of this course. *Prerequisite:*

Grade of 80 or higher in Honors Italian III or teacher recommendation

6110 Spanish I (*) **1 year 1 credit Grade 9 - 12**

Students will be introduced to the Spanish language through listening, speaking, reading and writing with an initial emphasis on vocabulary. Grammatical concepts necessary for the acquisition of conversational skills as well as reading and writing are also covered. Interest in Spanish and Hispanic cultures is developed through text and appropriate supplementary materials.

6121 Spanish II (*) **1 year 1 credit Grade 9 - 12**

Students will continue to develop the skills introduced in the first level course. Reading and writing skills will be stressed in conjunction with listening and speaking skills with grammatical accuracy. Students will work to refine their language proficiency skills. This course continues the exploration of culture and traditions in the Spanish speaking world. Prerequisite: Spanish I or Teacher Recommendation

6120 Honors Spanish II (#) (*) **1 year 1 credit Grade 9 - 12**

Students will continue to develop the skills introduced in the first level course. Reading and writing skills will be stressed in conjunction with listening and speaking skills with grammatical accuracy. Students will continue to become more proficient in the language. This course continues the exploration of culture and traditions in the Spanish speaking world. This course will prepare the student for future honors level courses in Spanish and will cover more material in greater depth than the regular Spanish II course. Prerequisite: Grade of 80 or higher in Spanish I or teacher recommendation

6131 Spanish III (*) **1 year 1 credit Grade 10 - 12**

Students will continue to develop the skills of listening, speaking, reading and writing through the use of the basic text and variety of supplementary materials. This course focuses on Spanish at a more advanced level. Students will be introduced to a wider scope of history and culture in the language which will be developed through readings, projects and class activities. Prerequisite: Spanish II

6130 Honors Spanish III (#) (*) **1 year 1 credit Grade 10 - 12**

Students will continue to develop the skills of listening, speaking, reading and writing through the use of the basic text and variety of supplementary materials. This course focuses on Spanish at a more advanced level. Students will be introduced to a wider scope of history and culture in the language which will be developed through readings, projects and class activities. This course will prepare the student for future honors level courses in Spanish and will cover more material in greater depth than the regular Spanish III course. Prerequisite: Grade of 80 or higher in Honors Spanish II or teacher recommendation

6140 Honors Spanish IV (#) (*) **1 year 1 credit Grade 11 - 12**

Students will continue to develop the four basic language skills previously mentioned and will place greater focus on the foreign language as an acquired second language. Literature from recognized authors will be studied in great depth, to emphasize literary analysis in the target language. In addition, continued acquisition of various verb tenses and grammatical concepts will be utilized. Prerequisite:

Grade of 80 or higher in Honors Spanish III or teacher recommendation

6150 Honors Spanish V (#) (*) **1 year** **1 credit** **Grade 12**

Expanded works of literature will be studied in greater depth with an emphasis on literacy analysis. An extensive grammar component will be in place to prepare students for using the Spanish in college courses or at employment. Students will be encouraged to rely even more on their conversation skills in Spanish as well as continuing to develop their writing and in creative and formal ways. Prerequisite: Grade of 80 or higher in Honors Spanish IV or teacher recommendation

6520 Introduction to Medical Spanish **½ year** **0.5 credit** **Grade 10 - 12**

This course is designed for students interested in pursuing a career in the medical field. Students will acquire basic skills to be able to assist Spanish speaking patients. Areas of focus in Spanish include medical terminology, explanations of procedures, diagnosis, etc. In addition, students will be able to gather basic information from patients through translation and questioning techniques. Speaking and role play will be an integral part of this course.

6521 Spanish for Heritage Speakers 1 **1 year** **1 credit** **Grade 9 - 12**

This course is designed for students as a proficiency-based course which involves meaningful use of language for real communicative purposes. Instruction focuses on what students can do with the language and build upon their L1 literacy skills specifically in reading & writing. Students are expected to communicate at the Intermediate and Advanced levels within the interpretive, interpersonal and presentational modes (ACTFL). This course is intended for incoming students (covering the scope of Spanish 1-2) in preparation for and as a prerequisite for Spanish for Heritage Speakers 2 followed by Spanish 4.

BUCKS COUNTY COMMUNITY COLLEGE DUAL ENROLLMENT

Harry S Truman High School, in partnership with Bucks County Community College, has created a series of "Dual Enrollment Courses." These courses allow our students to concurrently earn college and high school credits. Students can receive up to 12 college credits before they graduate. Courses are scheduled only if a sufficient number of students select the course. A placement test is required.

Truman Campus Options

1302 Interpersonal Communication (#) **½ year** **1 credit** **Grade 11 - 12**

This introductory communication skills course helps students develop competencies in social and professional communication. Students engage in activities and assignments that focus on interactions in the workplace as well as in other social contexts.

1310 Responding to Emergencies (#) ½ year 1 credit Grade 11 - 12

This course teaches the principles and applications of first aid and safety so that the student can correctly respond to medical emergencies. Successful completion satisfies the certification requirements for Responding to Emergencies and CPR courses of the American Red Cross.

1311 Introduction to the Administration of Criminal Justice (#) ½ year 1 credit Grade 11 - 12

This course is an introductory survey of the evolution, principles, concepts, and practice of the theory and nature of the criminal justice system including police, courts, and corrections systems.

1312 Psychological Techniques (#) ½ year 1 credit Grade 11 - 12

In this experiential course, the positive and negative consequences of stress are examined. Emphasizing the mind/body connection and encouraging holistic health in the students, both the physiological and psychological aspects of stress management are studied.

Epstein Campus at Lower Bucks

1315 English Composition 1 (Required Fall Semester) (#) ½ year 1 credit Grade 12

This course emphasizes the systematic study of writing effective expository prose and argumentation, stressing development and support of a clear thesis. The focus of the course is to lay the foundation for future academic writing requirements, including the ability to analyze, synthesize, evaluate, summarize, paraphrase, and cite textual sources from required course readings.

1316 Principles of Economics – Macro (Required Spring Semester) (#) ½ year 1 credit Grade 12

An introduction to the basic principles of economics, with emphasis upon macroeconomic theory and analysis. Among topics considered are the scope and nature of economics, ideology and structure of the American economy, national income and employment theory, business fluctuations, money and banking, fiscal and monetary policies, and economic growth.

1317 American National Government (Elective – Fall Semester) (#) ½ year 1 credit Grade 12

An examination of the workings of American government at the national level. A consideration of who gets what, when, how, and why. An introduction to effective citizenship, suitable for all students.

1318 Foundations of Education (Elective – Spring Semester) (#) ½ year 1 credit Grade 12

This course is primarily for students interested in pursuing a career in education. This course provides a survey of the history and philosophy of education with emphasis on current problems in education, on

significant educational innovations, and on the school as a social institution. Students complete five hours of observation.

1319 Nutrition (Elective – Both Semesters) (#) ½ year 1 credit Grade 12

This course is an introduction to nutrition as a health science that examines the nutrients essential to human life. The metabolic action, requirements, and nutrient food sources are studied along with application of entrepreneurial skills. Needs and behavior patterns in children and adults are used to illustrate the relationship between diet and health.

9TH GRADE COURSE SELECTION WORKSHEET

Below is a worksheet that you can use to prepare for your requests. Teachers will make recommendations for your English, Social Studies, and Science classes. The high school administration will determine your Mathematics course based on the following criteria: Linkit, CDT, PSSA, PVAAS projections, Keystone exam, and class grades or a Placement Test.

During the online registration process, **students will only choose electives**. Please make sure you meet the required prerequisites for course requests.

Parents are encouraged to contact their child's current middle school teachers if they have any questions about their individual recommendations.
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Course #	Course Name
X X X X	English: Selected by ELA Teacher
X X X X	Mathematics: Determined by Math Assessments or Placement Test
X X X X	Science: Selected by Science Teacher
X X X X	Social Studies: Selected by Social Studies Teacher
7 0 1 0	Physical Education: Required Course
	<u>Electives</u>
	1st Choice:
	2nd Choice:
	Alternate:
	Alternate:

9th Grade Electives				
Music	Technology/FCS	World Languages	Fine Arts	Business
8025 Concert Band 9	9024 Resources for Living	6310 Italian 1	8910 Theatre 1	5920 Computer Applications
8027 Concert Choir 9	9921 Fundamentals of Engineering 1	6110 Spanish 1	8920 Introduction to Art	5022 Introduction to Business
8028 Piano Lab 1	9000 Introduction to Engineering Design (Algebra 1 students only)		8410 Introduction to Multimedia Production	5023 Accounting 1
8029 Guitar 1			8411 Video Production 1	
			8022 Crafts & Design 1	
			8023 Graphic Design 1	
			8124 Photography 1	

4 YEAR COURSE PLANNING WORKSHEET

9TH	COURSE NAME/NUMBER	10TH	COURSE NAME/NUMBER	11TH	COURSE NAME/NUMBER	12TH	COURSE NAME/NUMBER
ENGLISH 9		ENGLISH 10		ENGLISH 11		ENGLISH 12	
WESTERN CIVILIZATIONS		AMERICAN STUDIES III		CIVICS & GOVERNMENT		STEM ELECTIVE	
MATHEMATICS (TEACHER PLACEMENT)		MATHEMATICS (OPTIONS)		MATHEMATICS (OPTIONS)			1.
BIOLOGY		CHEMISTRY/ SCIENCE (OPTIONS)		PHYSICS/ SCIENCE (OPTIONS)		ELECTIVES	
PHYSICAL EDUCATION		.5 HEALTH PHYSICAL EDUCATION		PHYSICAL EDUCATION (ELECTIVE OPTIONS)			1.
ELECTIVES 1.		ELECTIVES 1.		ELECTIVES 1.			2.
2.		2.		2.		3.	
						4.	
						5.	
7 TOTAL CREDITS		7 TOTAL CREDITS		7 TOTAL CREDITS		7 TOTAL CREDITS	

***Required Elective Credits: 1 STEM, 2 Fine Arts**